

MIT's
Oldest and Largest
Newspaper



Volume 123, Number 46

Cambridge, Massachusetts 02139

Tuesday, October 7, 2003

Students Discuss Flag Issues at UA Forum

By Jay Cameron
STAFF REPORTER

Students discussed the flag-flying controversy at a forum hosted by the Undergraduate Association last night, but no representatives from the administration were in attendance.

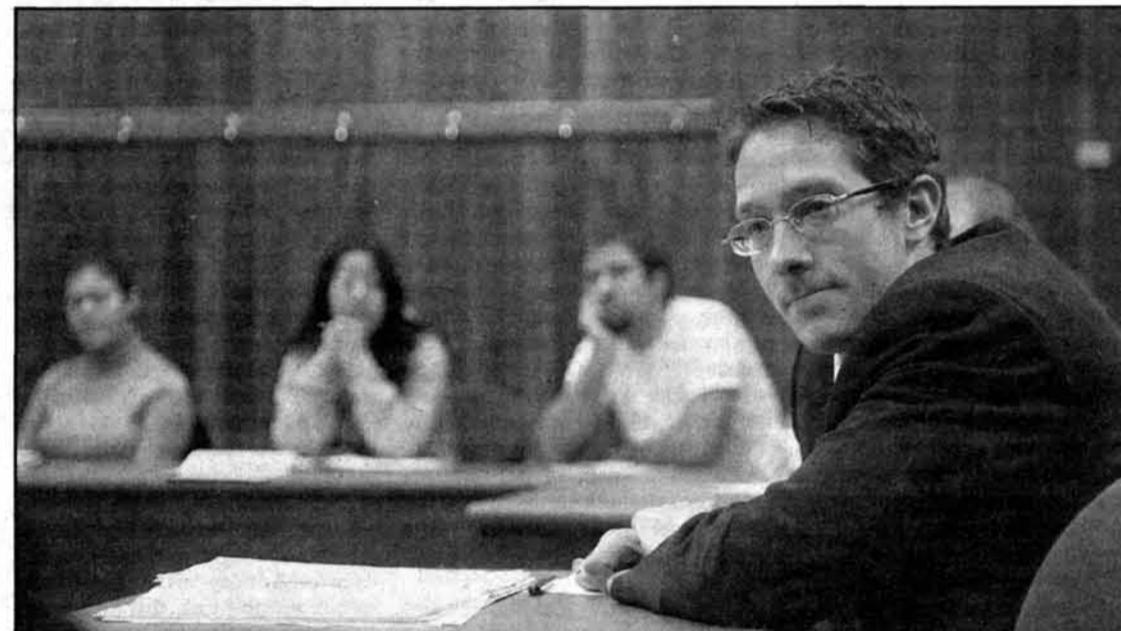
Jonathan A. Goler G has had an Israeli flag hanging outside his window since this summer. He has been asked to take it down repeatedly, but he has refused, saying he is only being asked to take the flag down because a fellow resident of the Sidney-Pacific Graduate Residence complained about its political implications.

MIT has said repeatedly that the flag violates MIT rules and is a fire and safety hazard.

After the Housing Office mentioned the possibility of an eviction notice, Goler proceeded to hang his flag inside his ninth-floor window, illuminating it with a backlight during the night.

Goler hints at legal action

At the meeting, Goler hinted that he might be prepared to take legal



JOHN CLOUTIER—THE TECH

Jonathan Goler G fields questions from a panel of dormitory representatives Monday night. The UA-sponsored discussion focused on MIT's official policies regarding the hanging of banners and flags on the outside of dormitories.

action, mentioning ongoing discussions with the American Civil Liberties Union and past First Amend-

ment Rights cases. Reporting on the opinions of their constituents, UA senators who

took part in last night's discussion

Flag, Page 11

MIT's Demaine Wins 'Genius Grant'

By Brian Loux
FEATURES EDITOR

The Tech: So let me get this straight: What's your birthdate?

Erik D. Demaine: February 28, 1981.

TT: OK, that makes you ten months older than me. And roughly, what's your MIT salary?

Demaine: My salary? About \$75,000.

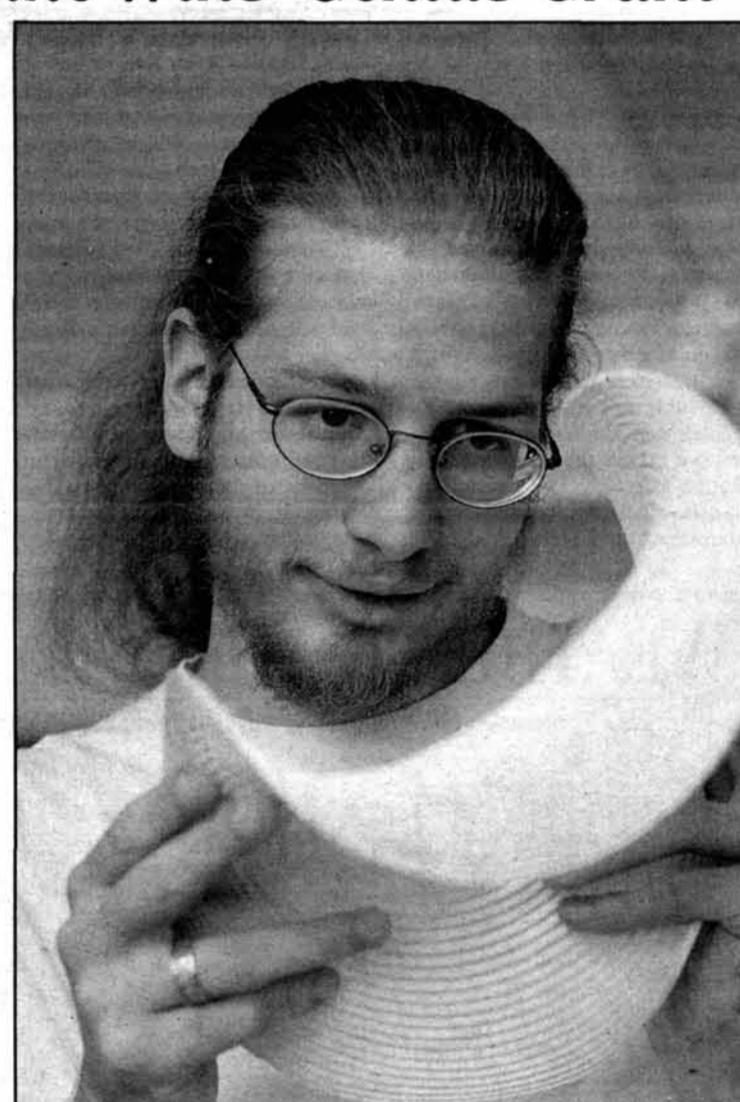
TT: OK, now we'll add that to the half-million you just got, and now we'll look at my loans... this interview is over.

Demaine: What? You still got ten months!

Professor of Computer Science Erik D. Demaine, the youngest professor at MIT, is now also the winner of a prestigious MacArthur Fellowship.

The so-called "Genius Grant" is a monetary award of \$500,000 given by the John D. and Catherine T. MacArthur Foundation to "recognize the importance of individual creativity in society by finding people who are creative in their field... and will go on to do great things," said Roy Boyer, associate vice president for public affairs of the MacArthur Foundation.

Demaine is largely known for his creative work involving algorithms and computational geometry, or using folding algorithms to examine the results that can be generated. Demaine's interest in the field began when his father began to teach him origami. The field has mushroomed in recent years as more and more applications for the



AARON D. MIHALIK—THE TECH

Erik Demaine examines one of his origami creations. Demaine, a 22-year-old assistant professor in Course VI, was a recent recipient of a \$500,000 MacArthur Fellowship.

Genius, Page 17



Cambridge University does the Bard justice.

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Comics

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OPINION

Matt DeBergalis '00 explains why he's running for Cambridge City Council.

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The Weather

Today: Sunny, 62°F (17°C)
Tonight: Clear, 49°F (10°C)
Tomorrow: Sunny, 71°F (21°C)

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TDC Must Educate Fellow Houses

By Beckett W. Stern
NEWS EDITOR

The Theta Delta Chi fraternity must do "something creative" to change fellow fraternities' attitudes toward alcohol and the police, or face a 14-day suspension from their house during their rush period next fall.

"It's going to have to be something big," said Cambridge License Commission Chair Benjamin C. Barnes. "It's going to have to make a splash."

The sanction is a response to an incident at TDC this summer involving alcohol, objects being thrown from the roofdeck, and party attendees taunting and swearing at the

TDC, Page 14

Reading Room Renovations Delayed for Lack of Funds

By Christine Casas

An Undergraduate Association proposal to renovate the reading room on the fifth floor of the Student Center failed to receive funding from the Committee for the Review of Space Planning last spring, but it remains high priority on the committee's project list.

Claude R. Canizares, associate provost and CRSP Chair, said that the proposal is "being carried [over] as a high priority project that we intend to do at the earliest time the budget will allow."

The proposal calls for the addition of group study space and for the modernization of the reading room. CRSP must approve all space change and renovation projects for the Institute.

Dean for Student Life Larry G. Benedict, who submitted the proposal last year, said it remains his "top priority" this year.

Benedict "emphasized it was his top priority last year, [so he] seems to be keeping his word, which is great," said Parul Deora '04, last year's Undergraduate Association vice president. Deora worked with other UA leaders to submit the proposal to Benedict and the Campus Activities Complex.

Phase I includes group study areas

The cost of the renovation was initially estimated at over a million dollars and required the proposal be split into two phases, Benedict said. It was phase one that was submitted

to CRSP last spring and that remains on CRSP's list.

The first phase focuses on the addition of group study space, since there are few such spaces on campus and since there is high demand for them among students, said Phillip J. Walsh, director of Campus Activities Complex. Walsh worked with the UA on the proposal.

Deora said that the desired study group space would consist of sound-proof rooms complete with whiteboards, and that the first phase also included fire safety improvements.

The second phase will focus on general improvements to the room: the addition of network drops and new furniture, carpeting, lighting, and climate control systems.

Benedict said that phase two would be submitted to the CRSP in the year immediately following the year of phase one approval.

Canizares said the renovation is the second-largest project currently on the list and that the CRSP plans to put half a million dollars towards it.

Renovations are 'high priority'

Last spring, the proposal was "put on a list to go forward provisionally" but then became one of a dozen projects that had to be cut because of an unexpected 25 percent decrease in CRSP's budget, Canizares said.

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WORLD & NATION

Lethal Injection May Give Peaceful Mask to Painful Death

THE NEW YORK TIMES

NASHVILLE, TENN.

At the Riverbend Maximum Security Institution here, through a set of double doors next to several vending machines, a gurney stands ready to deliver prisoners to their executions by lethal injection.

Just about every aspect of the death penalty provokes acrimonious debate, but this method of killing, by common consensus, is as humane as medicine can make it.

But a growing number of legal and medical experts are warning that the apparent tranquility of a lethal injection may be deceptive. They say the standard chemical combination used to execute people in most states could, especially in the hands of inexperienced prison personnel, lead to paralysis that masks intense distress, leaving a wide-awake inmate unable to speak or cry out as he slowly suffocates.

In 2001, it became a crime for veterinarians in Tennessee to use one of the chemicals in that standard protocol to euthanize pets.

The chemical, pancuronium bromide, paralyzes the skeletal muscles but does not affect the brain or nerves. By itself, it leaves a person conscious but unable to move or speak.

In Tennessee and about 30 other states, the chemical is used in combination with two others. But a judge here recently found that pancuronium bromide itself has "no legitimate purpose."

Calif. Recall Campaign Draws To Tumultuous Close

THE BOSTON GLOBE

LOS ANGELES

After days of scandalous accusations and increasingly bitter attacks, the California recall campaign drew to a tumultuous close late Monday with as much uncertainty as it began.

Some polls indicated the race had tightened; others indicated Republican front-runner Arnold Schwarzenegger had widened his lead. Golden State voters, meanwhile, faced a dizzying list of ballot options and voting techniques that could leave Tuesday's vote open to calls for a recount and assorted legal challenges.

In the campaign's closing hours, Schwarzenegger insisted that allegations that he had groped as many as 15 women had not affected his popularity. Many of his supporters contended the negative stories were part of a political smear campaign. But advisers to Governor Gray Davis circulated figures, mainly collected by their own pollsters, indicating a decline in the number of voter expressing certainty that they would vote to oust the sitting Democratic governor.

South Korea Debating Sending Troops to Iraq

THE NEW YORK TIMES

SEOUL, SOUTH KOREA

With the Bush administration pressing South Korea to send up to 5,000 combat troops to Iraq, South Korea's president is setting a price: progress by Washington in reducing tensions with North Korea over its nuclear weapons program.

"I fear that if we decide to go ahead and send troops, it would not help achieve the second round of six-way talks over North Korea's nuclear program, or an agreement to be reached," President Roh Moo-hyun said on Friday, the latest of a series of statements linking a dispatch of troops to Iraq to defusing tensions with North Korea.

Since May, South Korea, a longtime American ally, has had about 675 military medics and engineers working out of an American base in Nasiriyah, in southern Iraq. But there were violent protests here last spring over the decision to send them.

Bush: Israel 'Must Not Feel Constrained' in Self-Defense

By Richard W. Stevenson
and Carl Hulse
THE NEW YORK TIMES

WASHINGTON

President Bush said on Monday that he had told Prime Minister Ariel Sharon of Israel that his country "must not feel constrained" in defending itself, signaling that the United States would not condemn Sharon's decision to launch an airstrike inside Syria in response to the latest suicide bombing in Israel.

A day after Israel attacked what it said was a terrorist training camp in Syria in retaliation for the suicide bombing in northern Israel on Saturday that killed 19 people plus the bomber, Bush suggested that the responsibility for breaking the escalating cycle of violence now rests primarily with the Palestinian leadership.

"I made it very clear to the prime minister, like I have consistently done, that Israel's got a right to defend herself, that Israel must not feel constrained in defending the homeland," Bush said at the White House in response to a reporter's question.

Israel's strategy of hitting a target inside Syria raised the question

of whether Sharon's government had adopted Bush's policy of focusing on not just terrorists but also states that harbor them. The lack of explicit criticism from the United States did nothing to dispel the impression that the White House, after discouraging Israel from assuming that it could embrace the Bush doctrine to justify its battle against Palestinian extremists, was now doing nothing to stop Israel from doing so.

The White House spokesman, Scott McClellan, said Israel had conducted the raid without informing the United States in advance, and that the administration was not giving Sharon permission to take his nation's fight against terrorism into other countries.

"We're not a traffic light," he said.

But other administration officials said the United States was keenly aware of the parallels.

"There is some applicability here of the Bush doctrine," one administration official said.

Bush did say he had also told Sharon, during a phone conversation on Sunday after the Israeli attack inside Syria, that "it's very important that any action that Israel

take should avoid escalation and creating higher tensions."

But the president then pointedly turned to the subject of the Palestinian Authority and, without naming him, Yasser Arafat, the Palestinian leader. Bush, who has written off any chance that Arafat would advance the prospects for peace, has been pushing the Palestinians to create a government with a prime minister who could assume enough power to crack down on the violent groups like Islamic Jihad and Hamas that have been responsible for most suicide bombings in Israel.

"In order for there to be a Palestinian state, the Palestinian Authority must fight terror and must use whatever means is necessary to fight terror," Bush said, pounding his fist for emphasis.

Bush spoke during an appearance before reporters with President Mwai Kibaki of Kenya, who was making a state visit to the White House to discuss economic aid, trade, and the fight against terrorism.

American officials said Monday that the camp in Syria was known to them as having been a training base for various Palestinian terrorist organizations.

Guantanamo Bay Interpreters May Have Sabotaged Interviews

By Erik Schmitt
and Thom Shanker
THE NEW YORK TIMES

WASHINGTON

American interpreters at the military prison at Guantanamo Bay, Cuba, who have been arrested or are under suspicion for possible espionage may have intentionally sabotaged interviews with detainees by inaccurately translating interrogators' questions and prisoners' answers, senior American officials said on Monday.

It is unclear in how many cases, if any, this may have happened, the officials said. But military investigators are taking the issue seriously enough to review taped interrogations involving the Arabic-language interpreters under scrutiny to spot-

check their accuracy.

If the investigators' worst fears are realized, officials said, scores of interviews with suspected al-Qaida or Taliban prisoners at the Cuban detention center could be compromised, and military officials could be forced to reinterview many of the camp's 680 detainees.

"There are enough suggestions that give us cause to compare the audiotapes with the translations," said one senior American official familiar with the inquiry.

The official declined to say what those suggestions might be, and other senior American officials similarly refused to cite any specific evidence of deliberate mistranslation by the interpreters.

The concerns about the reliability

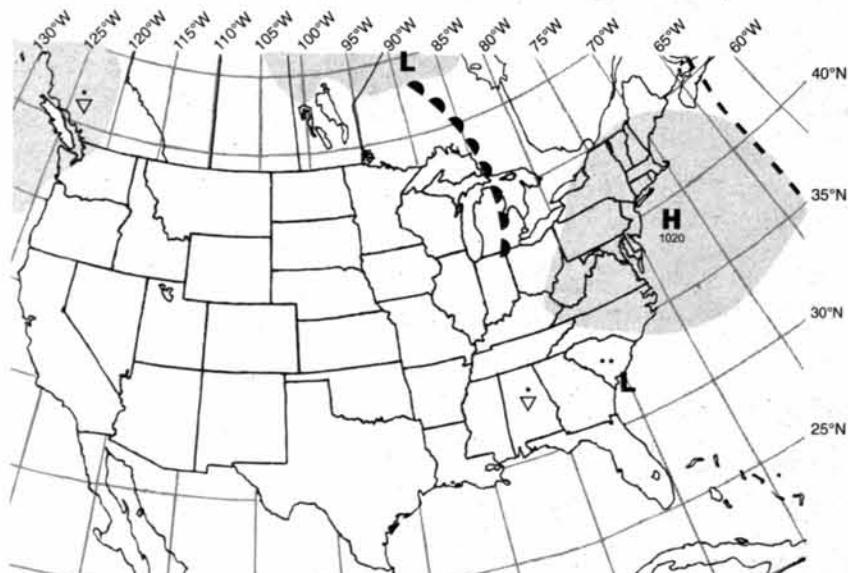
of some of the camp's 70 military and civilian linguists only add to the growing mystery surrounding the motives and objectives of as many as 10 people who worked at the camp, had contact with the prisoners, and are now under suspicion in the widening inquiry, military officials said.

Pentagon officials are saying very little publicly about the cases, in part because they are still baffled about whether there was a conspiracy to infiltrate the camp, and partly because of the nature of the investigation, a sensitive matter involving military, law enforcement, and intelligence agencies.

Top defense officials have yet to explain publicly what any of the accused spies might have been trying to achieve at Guantanamo Bay.

WEATHER

Situation for Noon Eastern Daylight Time, Tuesday, October 7, 2003



Things Heat Up

By Roberto Francisco Rondanelli

During the last four or five days, most of New England has been experiencing unseasonably cold temperatures associated with a large scale anticyclone and a mid-level trough over the northeastern part of the U.S. Already, freezing temperatures have been registered over large sections of the country and even some snowfall in the northern part of the Great Lakes region. Yesterday's temperatures in Boston were more or less the normal temperatures you would get in the second half of October. Fortunately, this situation will change over the next 48 hours as the midlevel trough moves towards the Atlantic and warm advection at surface brings the temperatures up over most of the Northeast coast.

Extended Forecast

Today: Mostly sunny. High 62°F (17°C)
 Tonight: Clear. Low 49°F (10°C)
 Wednesday: Mostly sunny. High 71°F (21°C)
 Thursday: Mostly sunny. High 68°F (20°C)

Lauterbur, Mansfield Awarded Nobel Prize for Work with MRI

By Nicholas Wade
THE NEW YORK TIMES

This year's Nobel prize for medicine has been awarded to two pioneers of magnetic resonance imaging, a widely used procedure to visualize the body's tissues without using radiation.

The recipients are Dr. Paul C. Lauterbur of the University of Illinois at Urbana, and Sir Peter Mansfield of the University of Nottingham in England.

The two researchers took a technique used by chemists to study solutions and developed it into a way of imaging the human body, which, appearances to the contrary, is mostly water. Unlike CAT scanning machines, which use radiation,

magnetic resonance imaging probes the body only with magnetic fields and pulses of radio waves.

MRI has replaced invasive techniques for examining joints, the brain, and other vital organs. The technique is now so sensitive that it can locate the site where different mental tasks are performed in the living brain, essentially by tracking the extra blood flow to the brain's active regions.

Lauterbur, a physical chemist then at the State University of New York at Stony Brook, Long Island, published his crucial paper on the new technique in 1973. In the traditional fate of truly innovative ideas, it was at first rejected by *Nature*, a leading scientific journal. Lauterbur

persuaded the editors to reverse their decision.

His idea concerned a technique called nuclear magnetic resonance, or NMR, spectroscopy, in which molecules are entrained in a strong magnetic field and zapped with radio waves. Chemists went to great pains to create a uniform magnetic field, under which the molecules gave the clearest signal. Lauterbur realized that the fuzziness in the signal in fact contained information about the spatial distribution of the contributing molecules. By applying a varying magnetic field, he could obtain the spatial information to build an image of molecules arranged in some structure.

Napster 2.0 Music Service Details To Be Unveiled Thursday by Roxio

By Chris Gauthier
THE BOSTON GLOBE

SAN FRANCISCO

Napster is playing by the music industry's rules this time.

Roxio Inc., the new owner of the seminal file-sharing service's brand name, will unveil details of its Napster 2.0 music service in New York Thursday.

A federal court shuttered Napster in 2001 after the world's largest record labels sued it for allowing widespread digital piracy. But Roxio has struck deals with those same record labels and expects to make more than 500,000 songs available online.

Napster 2.0, due before the holidays, combines elements of the two

most popular business models emerging in digital music — streaming over the Internet and downloads. And this time around, the former renegade service is entering a landscape that has been changed by the music industry's cooperation.

The lawsuits filed last month against 261 people accused of sharing copyrighted music over the Internet is only one part of the recording industry's fight to reclaim control over how its music reaches consumers. After years of uncertainty on how to curtail the growing threat from file-sharing programs, record labels are finally striking less-restrictive deals with dozens of technology partners.

"The industry is being dragged into the future," said Jerry Goolsby, a business professor at Loyola University in New Orleans who studies the music industry.

The rush of companies offering or working on download services signals that established technology companies believe broad audiences are ready to pay to download songs.

Since Apple Computer Inc. launched its iTunes Music Store, which has sold 10 million songs, established e-commerce and computing players have signaled their intention to follow. The success of iTunes comes in spite of the fact that the service is available only to the 3 to 5 percent of computer users on the Macintosh platform.

Vest Makes Case for Open Research

THE BOSTON GLOBE

Leading a discussion at Kresge Auditorium last month, Charles M. Vest, president of the Massachusetts Institute of Technology, looked every bit the engineer: tall and lean, measured in tone, understated. Few would peg him as an alarmist, or a political wrangler. Yet when he decried the "fuzziness" of language creeping into federal research contracts over the past two years, he sounded like a political activist, giving voice to an uneasiness that is spreading on U.S. campuses.

The discomfort is with new government barriers to open research and international collaboration. And it has thrust Vest, in his 13th year at the helm of one of the nation's top research universities, into the maelstrom of public policy.

Over the past six months, Vest, a member of the President's Committee of Advisors on Science and Technology, has met twice with Bush administration officials seeking to strike a balance between the needs of university research and national security in the post-Sept. 11 world. He and his MIT colleagues were instrumental in preparing a white paper for Homeland Security Secretary Tom Ridge last spring recommending continued openness in research, timely decisions on visa applications, and ongoing dialogue between university and government leaders. And Vest has sought to rally his colleagues at other US research universities to present a united front on these issues.

Vest, a native of Morgantown, W.Va., and a former University of Michigan mechanical engineering professor, might prefer to talk about lasers and optics. But he has emerged as a high-profile, if somewhat unlikely, spokesman for academic researchers seeking to preserve a culture of scientific openness in an age of terror.

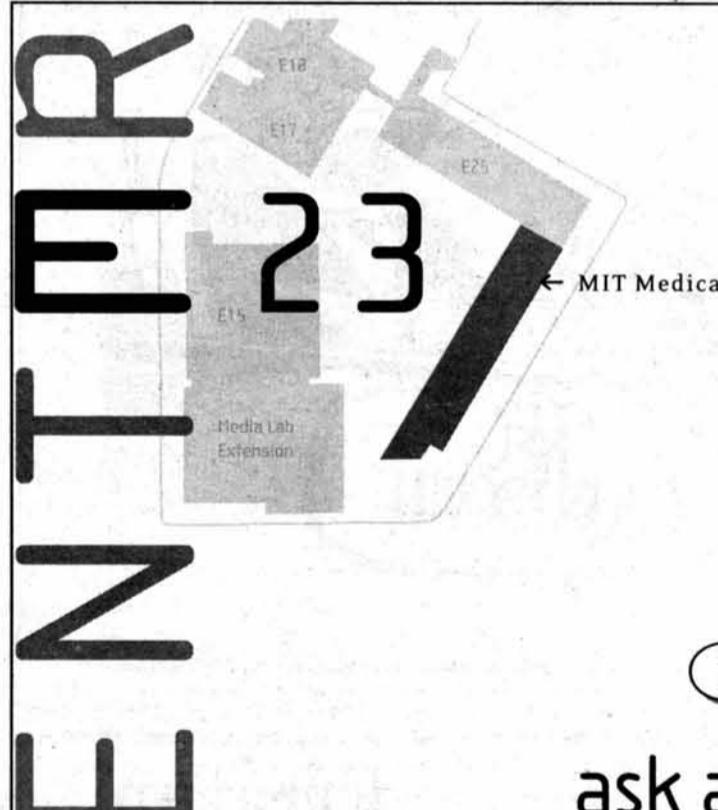
Pregnant Mouse's Diet Leads Geneticists to Look at Nutrition

THE NEW YORK TIMES

With the help of some fat yellow mice, scientists have discovered exactly how a mother's diet can permanently alter the functioning of genes in her offspring without changing the genes themselves.

The unusual strain of mouse carries a kind of trigger near the gene that determines not only the color of its coat but also its predisposition to obesity, diabetes and cancer. When pregnant mice were fed extra vitamins and supplements, the supplements interacted with the trigger in the fetal mice and shut down the gene. As a result, obese yellow mothers gave birth to standard brown baby mice that grew up lean and healthy.

Scientists have long known that what pregnant mothers eat — whether they are mice, fruit flies or humans — can profoundly affect the susceptibility of their offspring to disease. But until now they have not understood why, said Dr. Randy Jirtle, a professor of radiation oncology at Duke and senior investigator of the study, which was reported in the Aug. 1 issue of *Molecular and Cellular Biology*.



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Vol. 1, No. 1.1

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ask a Medlink



I'm NOT pregnant, why do they keep asking?

Dear MedLink: Whenever I see a male doctor at MIT Medical, they always ask me if I'm pregnant. I'm sick of this question. I haven't had sex yet, so I know I'm not pregnant. Why do they keep asking? It's embarrassing. —Feeling Pestered

Dear Pestered: I've also been asked this question by MIT Medical clinicians—both male and female. Like you, I wondered why they were asking me. So I asked them!

Turned out, it wasn't just me. Clinicians routinely ask this question of all female patients, because the answer can often determine decisions about diagnostic tests or treatments. For example, if your doctor is considering something as simple as an x-ray or certain prescription

drugs, he or she absolutely needs to know if there is any chance you might be pregnant. Certain drugs taken during pregnancy can cause health problems in a pregnant woman and birth defects in a baby; radiation from an x-ray can also harm a developing fetus.

I totally understand that it is not always easy for people to discuss more intimate issues with their doctors (or their parents or friends, for that matter). That's why it's so important to choose a personal physician with whom you feel comfortable. Once you've met with your personal physician a few times and developed some trust, it will be easier to discuss all your health concerns. —Pam '04

WE DON'T MAKE THIS STUFF UP!
All questions appearing in this column are real questions submitted by real people (and answered by real MedLinks).

Do you have a question? Send it by email to askamedlink@mit.edu, submit it anonymously using the online form at <http://web.mit.edu/medlinks/www/>, or use campus mail (Ask A MedLink, E23-405). We can't respond individually, but we'll answer as many questions as we can in this space. And you can always feel free to talk with a MedLink in person; see web.mit.edu/medlinks/www/ to find the MedLink(s) in your living group.

MedLinks
Students Promoting Health at MIT

OPINION



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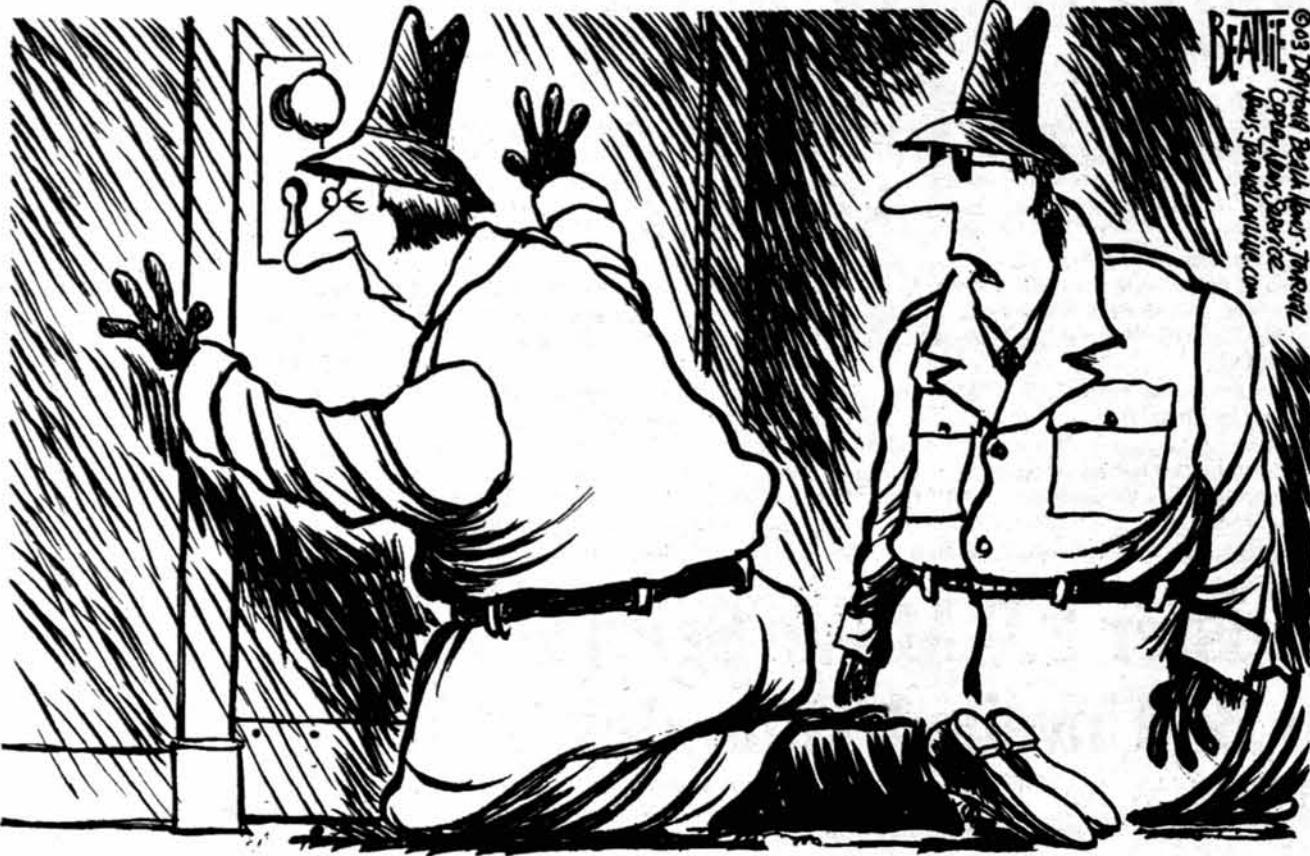
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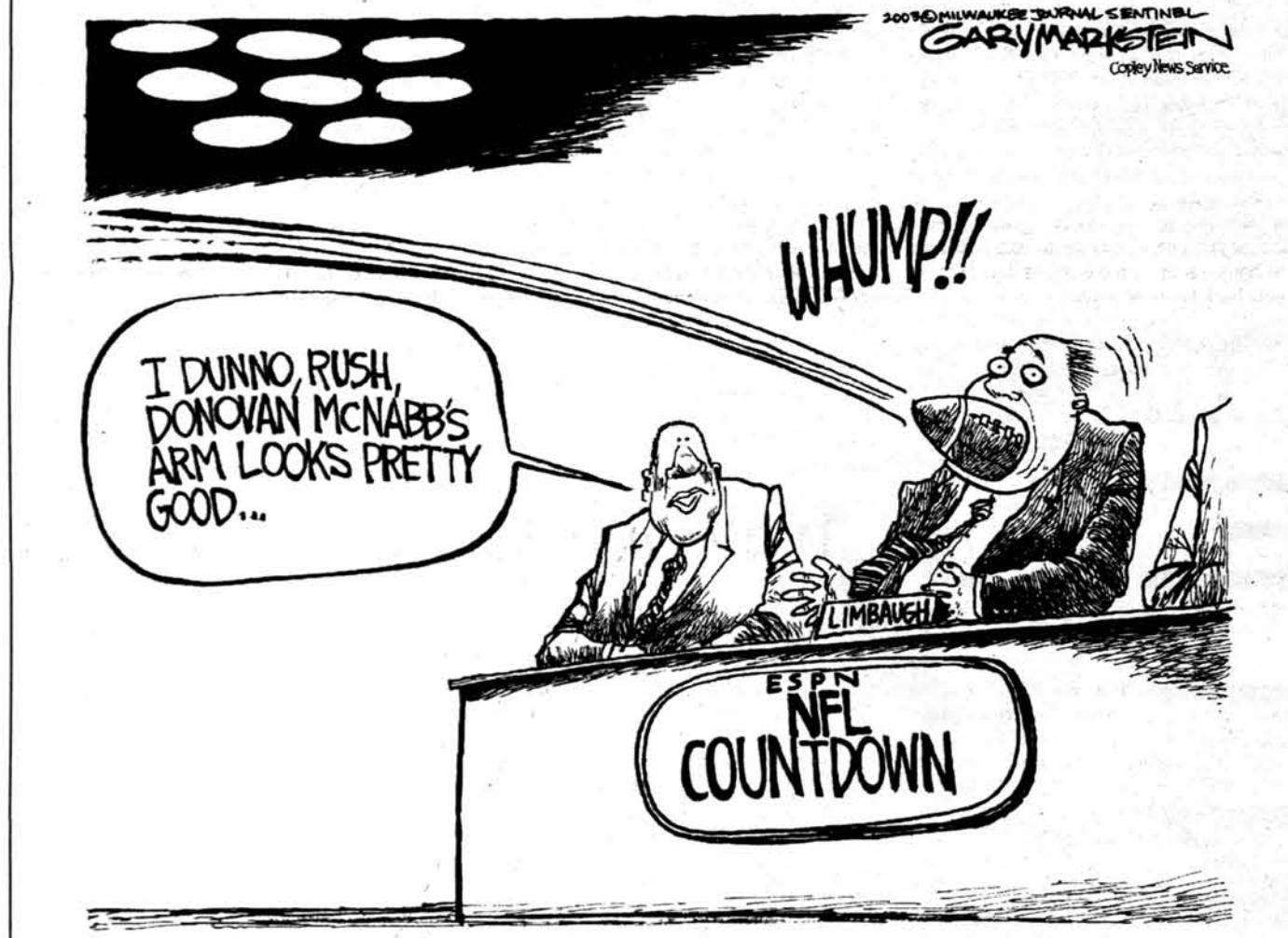
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The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations). Wednesdays during January and monthly during the summer for \$45.00 per year. Third Class postage paid at Boston, Mass. Permit No. 1. POSTMASTER: Please send all address changes to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. Telephone (617) 253-1341; editorial, (617) 258-8329; business, (617) 258-8226. Because of advertising, subscription, and operating rates available. Entire contents © 2003 The Tech. Printed on recycled paper by Charles River Publishing.



"The biggest danger I ever faced working for the CIA? When my spouse criticized the Bush administration."



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Erratum

An article and infographic about the new MIT Boston Winter Shuttle ["Daytime Shuttle to Start in December," Sept. 30] misspelled the names of two streets that the daytime shuttle will stop at. The shuttle will stop at the intersection of Deerfield Street and Baystate Road, not Dearfield Street and Bay State Road.

Why I'm Running for Cambridge City Council

Matt DeBergalis

My name is Matt DeBergalis, class of 2000, and I am running for Cambridge City Council to give students and young people a voice in Cambridge that will improve student life. With the help of MIT and Harvard voters, I will have the city encourage late night food options. I will pressure MIT to keep graduate student rents below market rate. I will dramatically improve bike safety, shuttle services, and late night bus and T service throughout Cambridge. And I will fight to preserve night life, and ensure that ManRay is the last Central Square club to be torn down, not the first.

Historically, MIT and Harvard students do not vote, and your City Councilors know this! They know that they can ignore students without concern that they will lose essential support in the election. They know that they should prioritize our generation below everyone else in Cambridge. They know that we don't realize how much power the

15,000 students in Cambridge could have.

My platform is very different from the usual issues you'll hear other candidates discuss. I am in favor of concrete changes that immediately benefit student life. Most importantly, I want to give us a voice at the table, and make it clear that we, as a group, must now be consulted on important decisions.

All MIT students that live in Cambridge are eligible to vote in the elections. Even if you just arrived last month, you can vote, as long as you intend on living here more than half the year. With the exception of Alaska, Delaware, New Mexico, Tennessee, and Virginia, you can vote here without jeopardizing your residency back home. Voting has absolutely nothing to do with taxes, scholarships or grants, your driver's license, or jury duty. You cannot vote both here and at home on the same election day, but you can vote back home next year.

I cannot stress this last point enough. You are eligible to vote here, without affecting anything else whatsoever. Confusion about voting requirements is, in my mind, the biggest hurdle that lies in the way of having meaningful student representation in our city.

Many of our students come from some of

I am in favor of concrete changes that immediately benefit student life. Most importantly, I want to give us a voice at the table ...

Can just one person on the City Council make any difference? Absolutely. The City Councilors approve the city's budget, pass the occasional law, and most importantly, advocate for their constituents. They request the City Manager (essentially, Cambridge's hired CEO) to draft reports on various concerns. They ensure that city officials are looking out for their interests. Nearly every sitting councilor and candidate has told me they want to see students play a more important role in Cambridge, but the issues they spend most time on relate very little to us. I believe most Councilors will welcome someone who has a real understanding of what we want.

The voter registration deadline is Oct. 15. Every day between now and then, you'll see me at events in different dorms and around campus. Please register to vote, and on Nov. 4, consider casting your number one vote for me, as a vote for student life and for a city where young people are an equal part of government.

For more information on Matt DeBergalis's campaign, information on how to register, or to pledge your vote to him, please visit his Web site at <http://www.deberg.org>, or e-mail him at matt@deberg.org.

the most important states in next year's Presidential election. Because of how our Electoral College works, voters in Florida, Michigan, Ohio, and other swing states have a far greater impact in the election than those of us who will vote in Massachusetts in 2004. Some of you also come from New Hampshire, Iowa, South Carolina, and other important primary states that will decide the Democratic nominee for the Presidency. Regardless of your political leanings, I want to see students maximize the value of their votes.

The law says that students are residents both here and back home, so you may vote in either place. I am asking for your vote here this November because the local Cambridge election has a tremendous impact on your daily lives at MIT. The week after the election, with plenty of time before the first primaries, my campaign staff will send all of our voters re-registration forms for their home states. You are of course free to remain registered here instead, but we want to make sure you have the option of voting back home in 2004.

The Fame of the Ig Nobel Prize

Andrew C. Thomas

I'm sure that many young scientists enter the research profession for the allure of the Nobel Prize. Winning the fabled award is thought to be a crowning achievement to an investigator's career, or at least something that the scientist's mother can say proudly to her local bridge club.

But only recently has another award made its way into the public consciousness, one dedicated not only to scientific excellence but to research that makes people wonder why it was conducted in the first place.

I speak of the Ig Nobel Prizes, a set of ten awards given out at Sanders Theater on Thursday night. They are sponsored by the *Annals of Improbable Research* (<http://www.improb.com>) and were first spearheaded by the Annals' founder and editor Marc Abrahams. The ceremony, now in its 13th year, has its own lore. The creation and test flight of hundreds of paper airplanes before (and during) the ceremony has been a trademark since its second year, as was a certain relaxed atmosphere — after all, the Nobel laureates asked to present the awards, including MIT's own Wolfgang Ketterle, were dressed down to say the least; one wore LED earrings and another blew a bullhorn at opportune moments. And the ceremony was not limited purely to scientific achievement; a miniature opera, *Atom and Eve*, was presented with an abundance of physics jokes, and several brief non sequitur "moments of science" were also portrayed.

But all the flourish surrounding the ceremony was second to the true marvel of the evening, those achievements of science which, according to Abrahams, are selected for dual criteria: that they first make you laugh, and then think.

A strong case in point was the first award of the evening, the Prize for Engineering, given to John Paul Stapp, George Nichols, and Edward A. Murphy, Jr. The research? The formulation, in 1949, of an engineering principle originally designed to spur creative thinking about error analysis.

But before you could blink, the cynics got a hold of Murphy's Law, and reformulated it as the classic "If anything can go wrong, it will."

The serious science of the trio's research was emphasized in the acceptance speech given by Edward Murphy III in his late father's absence. He told a story of a safety worker at the World Trade Center who assumed the worst after the terrorist attack of

1993, instituting regular safety drills knowing the extreme likelihood that a repeat attack would happen. When it did, only six workers from his company, Morgan Stanley Witter, perished; sadly, the worker himself was one of them, after making a return trip to rescue more people.

The Ig Nobel Prize (from this point forth, referred to as "Ig") for Literature was equally illuminating, awarded to John Trinkaus of the Zicklin School of Business, for his meticulous collection of data, and publication of it, on a wide range of subjects. And we do mean wide. Among his many analyses, he asks what proportion of baseball cap wearers place the brim to the front, side or back, and how many commuters would come to a complete stop at a certain intersection. The subtitle to most of his works is "An Informal Look," which is an understatement to the amount of attention he pays to these phenomena in general.

But the crowning award of the evening, the Ig for Peace, was awarded to Lal Bihari of India, largely for creating the Association of Dead People.

OK, for all of you who picture Haley Joel Osment's famous Oscar-nominated scene, you can stop laughing now.

Bihari spent nearly 20 years of his life legally dead, due first to the actions of an uncle who had him declared dead for inheritance purposes, and then to the extreme incompetence of the bureaucracy to have his death reversed.

What makes Bihari's case so compelling is that it was in no way isolated. Many other "living dead" walk in India, and it was his work in uniting them that gave the movement strength. A new understanding was given to the problem, one that likely would not have been noticed if Bihari had not take such unusual steps as organizing his own funeral or arranging for a pension for his wife/widow.

I left the ceremony realizing that, yes, I would be just as honored to appear on the stage of Sanders to be presented with such an award, having paid my own way to get there (which, by the time I became infamous and of modest wealth, will hopefully be more than bus fare.) But not anyone can win an Ig; thousands of nominations are received every year, and some go to the famous for accidental reasons; French President Jacques Chirac won the 1996 Peace Prize for the commemoration of the 50th anniversary of Hiroshima by conducting atomic weapons tests in the Pacific.

Still, short of nuking a wide variety of sea life, I could give it a try.

The Challenge Undergraduates Face

Alvin Lin

Since I first set foot on MIT's campus three-plus years ago, it has changed positively. Back then, there was no Zesiger Center, no nanotechnology laboratory in the infinite corridor, and no open skylight or coffee shop in Lobby 7. Construction had not even begun for either Simmons Hall or the Stata Center. I remember feeling embarrassed when talking about our facilities with friends from other universities. I could only shrug when comparing facilities like Northeastern's gym to our small, one-room weight room. I am happy to see that MIT's facilities have much improved.

Now, it may be because I am becoming a nostalgic, old fart, but I have recently caught myself admiring the campus and thinking it is actually beautiful. Views from Kresge Oval or Killian Court are nice. Even Simmons Hall, a lightning rod for criticism, has its charms. From the small docks on the Boston side of the Charles River, Simmons Hall stands out on the skyline in a way that exclaims innovation and uniqueness. Additionally, the facility improvements have made my job easier to sell

the school to prospective families at information sessions and college fairs; MIT's campus sells itself in ways it never could before in words and numbers. But the buildings and facilities are not the only things that have changed.

MIT's students have changed — they look, dress, and even smell nicer than they used to. I doubt underclassmen are even aware of this, but I bet many of my fellow seniors will agree it is a wonderful thing. I attribute this improvement to MIT's greater focus on well-rounded students and the on-campus freshmen policy. While the stereotype of the nerdy, awkward, and socially inept MIT student may never go away, it is being amended. Somewhere in the near future, it may change to the point where I no longer have to prove to non-MIT peers that I am articulate, assertive, and social; being from MIT will imply those qualities.

The campus and its people have changed for the better, but a new challenge has emerged: preserving the unique cultures of the residential system. During the glory years, half of MIT's males started their college careers in fraternities up and down the Charles River. Dormitory residents and fraternity,

sorority, and independent living group members alike took great pride in the unique traditions and personalities of their communities. It used to mean something when you said you were from a specific living group. Many people found identity from their choice of home. Since all freshmen have started living on campus, residential identity has decreased. Numbers for dormitory and FSILG populations have reshuffled and stabilized at new equilibrium levels. Many freshmen move off campus every year, which creates a problem for maintaining dormitory culture. It has been suggested that residential culture may not even be desirable in the future, and will become a relic of the old system. I strongly beg to differ. In matters of community, I believe the housing evolution has led to an acute state of affairs: that dormitories and FSILGs are charged with identifying and preserving their cultures more than ever.

Soon, MIT will consist of students who know only of the current housing system. They will only have a faint understanding of its recent history. Preserving culture in each FSILG and dormitory will soon become a struggle, especially in large freshmen-based

houses like Next House. Cultural sustainability will require vigilant, willful efforts of members in each living group. So far, I am extremely impressed by what I have seen. Across many different communities, I have seen my peers serve as excellent, inspiring leaders in protecting the culture of their homes. The many vibrant cultures of MIT will not be lost by this year's graduates.

I am afraid that once the leaders from the old system graduate, the cultures they have fought for will slowly die away with them. Future students will come to identify themselves more with MIT, but at what cost? I am certainly not suggesting that future residential communities will become indistinguishable from one another. My fear is that traditions that have come to define residential communities may be lost. Under MIT's new housing structure, it will be a yearly necessity for upperclassmen to help underclassmen appreciate, embrace, and add upon the traditions of the community that they live in. Otherwise, students may come to remember their residence as nothing more than a place they used to live in. I think that would be a shame.

Alvin Lin is a member of the class of 2004.

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ARTS

EVENT REVIEW

*Cho Brings Revolution to Kresge**Sold-Out Comedy Show the Highlight of Fall Festival*

By Daniel Scolnic

Margaret Cho and Bruce Daniels
Oct. 3, 8 p.m.
Kresge Auditorium

The sold out crowd in Kresge Auditorium savored every one of Margaret Cho's flinches and flexes. If her entire performance had consisted of just scrunching up her face and twisting her body around, making incoherent noises, the show would still have been a riot.

After a preview of what was to come by Bruce Daniels, Cho came out stuffed in an oversized sweatshirt that "reminded her of *8 Mile*." The sweatshirt did not last long, not only because we could barely see her, but because her stage presence broke through it. This presence increasingly emerged as the show progressed; it seemed amazing that so much life and energy could come out of one body.

This life and energy materialized as political attacks, gay and lesbian rights, as well as self-deprecating stories that she told because she felt she needed "to say too much." She never did say too much though; she could not give "too much information" because, and she was absolutely right, we need it.

Time and time again, Cho would firmly stand up for a political cause and then at the height of her speech on the issue, make a joke to bring it back down. The audience kept falling for this tactic not because of the lack of intelligence of the spectators (Cho was strongly aware of the opposite), but because her ideas about the problems of society were so intelligent.

Cho's biggest problem, and the show's major difficulty, was how to balance substantive stances on politics while still doing a comedy show. Although Cho could do each separately, by the end of the evening, when she talked about gay rights, everyone was just waiting for the joke to come. Her jokes were always the best when they were just jokes.

These jokes worked incredibly well because she would get so successfully

immersed into character that the audience lost itself in the performance. It felt as if Cho relived her past experiences onstage. At one point in particular, after imitating her mom talking about the adhesiveness of rice, it took Cho a few moments to break herself out of character. While these moments were not part of the skit, they were so adorable and exemplified how much Cho put into her show. It was amazing to see her switch from being a Bangkok strip club advertiser to a woman with children issues.

As Cho switched from character to character, she had the audience with her at every move. Usually it was her long pauses and things she did not say that were the funniest part of her stories. She understood that the more she did not say, the funnier everything she did say would be. Her ability to express so much without speaking works so well for her because she had so much to say (as was found out in the Q&A and rap sessions). She admitted that while she "will still follow society," she is going to "keep it real." As much as she is annoyed by the problems in society, she still loves it. Cho projected this idea onto

herself and the audience as well. She knows that we will do dumb things that only someone without fear of self-humiliation would reveal in public.

In making us love her, Margaret Cho makes us love each other, frailties and all.



MARGARET CHO
Margaret Cho combined raunchy humor with a genuine political message in her Kresge Auditorium show on Friday.

CD REVIEW

*Dave's Pocket Full of Posies**'Some Devil' Is About Life and the Certainty of Death*

By Allison Lewis

ARTS EDITOR
Some Devil
Dave Matthews
RCA Records
Sept. 23

Dave Matthew's new solo album, *Some Devil*, sounds very much like Dave Matthews, but not very much like Dave Matthews' Band. He's got together a great group of musicians, and through the album, they experiment with different styles of music, but every song has that key, mellow Dave sound — his simple-strumming guitar and sweet, somewhat sad voice. Behind a basic, catchy melody is a steady, driving rhythm. This is true traveling music — roll down the windows of the car and play it loud, driving 80 miles per hour on the interstate.

The lyrics are, in some ways, very similar to those on his previous albums, but reveal an older, more mature Dave Matthews. He says these were the first songs he has written since the birth of his two daughters, so the lyrics are no longer just about drugs and sex. They are well-written, not at all cliché, but unique, and thought-provoking, about life, love, and death.

Working with him on the album were many talented artists that helped shape the music with their own input and ways of doing things: Tim Reynolds on guitar (who has played with Dave several times before), Trey Anastasio on electric guitar (who played with Phish), Brady Blade on drums and percussion, Tony Hall on bass, Stephen Harris on percussion, and Audrey Riley, who helped with the string and horn arrangements. All

lyrics and music were written by Dave Matthews, with some help from Stephen Harris on "So Damn Lucky" and "Trouble," and help from Trey Anastasio on "Grey Blue Eyes."

If the album is listened to inactively, all the songs sound similar, and flow together (again, with that characteristic, chill Dave

hymnal. "Up and Away" has a percussive reggae beat.

His haunting song, "Gravedigger," repeated twice on the album (the second version is acoustic, and is the last song on the album), is about mortality, the certainty of death. He quotes a traditional children's song, "Ring Around the Rosie," about death during the plague. The last verse is "We all fall down." But even so, Dave asks, in his song, to be placed in a shallow grave, so he can feel the rain. He recognizes that he will one day die and is afraid of it. He wants to forever appreciate the joys of life, like the rain.

This theme of enjoying life, but knowing death will come, carries throughout the music and lyrics in the album. Dave experiments with gospel styles, and his songs, though mostly about happy moments in life, carry a sad undertone.

Seattle Music group, an amazing orchestra, gives the album some of its tragic tone. The strings play vibrantly, in a minor key. The horns punctuate the simple guitar melody with dramatic flavor. Part or all of the orchestra plays on a majority of the songs on the album.

The album's lyrics and music, although disguised as easy-to-listen-to, are truly serious and deep. If really listened to closely, it's downright depressing. Haunting.

The sounds and words are simple and realistic, as true and as sad as an old man in a nursing home, and then uplifting, like watching a kid fly a kite. *Some Devil* is all at once sad, happy, ugly, and beautiful, like life.

RESTAURANT REVIEW

*Not So Ooh-La-La**Crispy Crêpes Is Good, But Too American*

By Ruby Lam

Crispy Crêpes Café
512A Park Drive
Boston, MA 02215
(617) 859-9585

The best crêpe I have had in my life was the one I bought at a street stall near an open market in Paris many years ago. Nothing fancy really, the crêpe was just topped with nutella and banana. But the crêpe was thin, crisp on the outside with pieces of thinly sliced banana covered with melted nutella in the inside. Wrapped in a piece of parchment paper, I ate it while walking on the rainy sidewalks in the streets of Paris during the springtime. It was a truly memorable experience. Ever since I came back, I have always wanted to relive it.

However, finding a good crêpe place in Boston is not as easy as it seems. True, there are some crêperies around the area, but they don't offer the authentic Parisian style crêpes. When I used to work near the Galleria, I'd get crêpes for lunch from the Paris Crêperie in the Galleria food court.

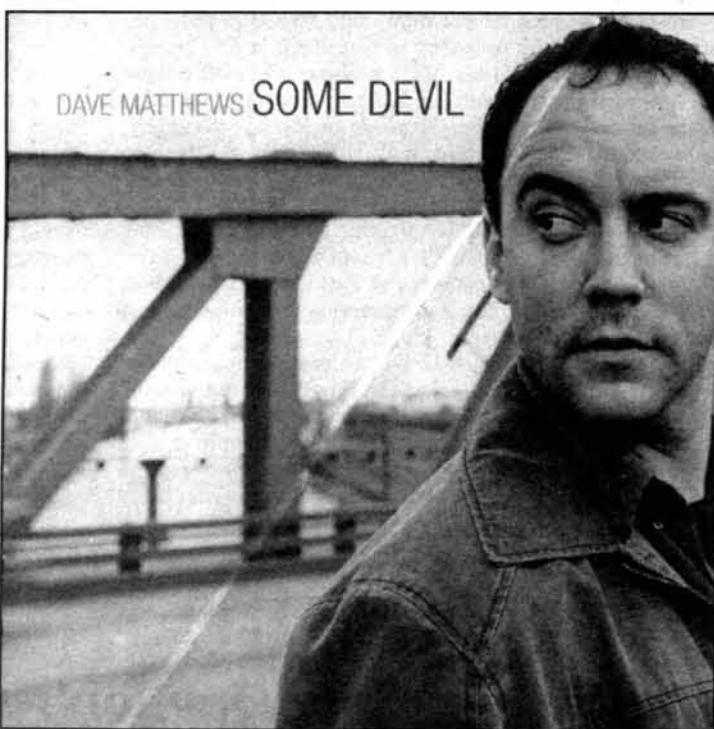
However, having burrito-style filling in a thick piece of crêpe shell just doesn't do the trick.

Also, like most servings in America, the portion for the fillings is just too generous, so generous that it becomes too overwhelming for the crêpe itself. And the crêpe has become another kind of burrito shell rather than an authentic French crêpe.

In addition to the Paris Crêperie on Charles Street in Beacon Hill and in the Galleria, I recently discovered another small crêpe place near Brookline, Crispy Crêpe Café, located in the heart of a group of BU dorms. This place is small though; it can fit fewer than 10 people. It used to be just a crêperie but they have recently added pasta, salads and eggs to their menu, which is great for the BU students nearby, but I usually go there just for crêpes.

For sweet crêpe fillings, in addition to nutella, chocolate and banana, you can have coconut shavings, toasted almonds, sliced apples, glazed strawberries, and apple sauce. For savory crêpe fillings, you can have almost anything you want — turkey, tomato, spinach, cheese, roasted mushroom, zucchini, bacon, ham, etc. The crêpes are filled with so much fillings that one crêpe is a full meal.

Though there are many crêperies in Boston, I still miss the crêpe I had in Paris. The French treats crêpes as a snack, not a complete meal. The crêpe shell itself should be the highlight, not the filling. On the other hand, the American version of crêpes serves like a piece of tortilla or bread. It acts as a shell to wrap around the fillings. I have yet to find a crêperie in Boston that serve authentic French crêpes. If you know one, please let me know. Or will I have to return to the rainy sidewalks in Paris to relive the experience?



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THEATER REVIEW

Shakespeare Done the Right Way

Cambridge University Brings 'A Midsummer Night's Dream' to MIT

By J.D. Zamfirescu

A Midsummer Night's Dream
By William Shakespeare
Cambridge University American Stage Tour
Kresge Little Theater
Sept. 29-30, 7:30 p.m.

It isn't often that I am able to tear myself away from my routine to engage in cultural activities. So when a friend told me to go see the Cambridge University American Stage Tour's performance of Shakespeare's *A Midsummer Night's Dream*, I jumped at the opportunity. Shakespeare presented the way God intended — by British people! How could I pass up such a unique opportunity?

Yes, so my justification wasn't so great, but the performance was. With a cast of eight performing the parts of all twenty major and minor characters and a simple set designed in part for mobility, this slight adaptation of Shakespeare's classic comedy didn't have much in the way of resources behind it. But that same simple set combined with the intimate atmosphere of the Kresge Little Theater allowed theatergoers to interact personally with the talented cast.

From Sarah Campbell's brilliant and very, very humorous performance as Puck to

Robert Donnelly's wonderfully fruity interpretation of Quince, the cast lent Shakespeare's characters a great deal of personal flavor.

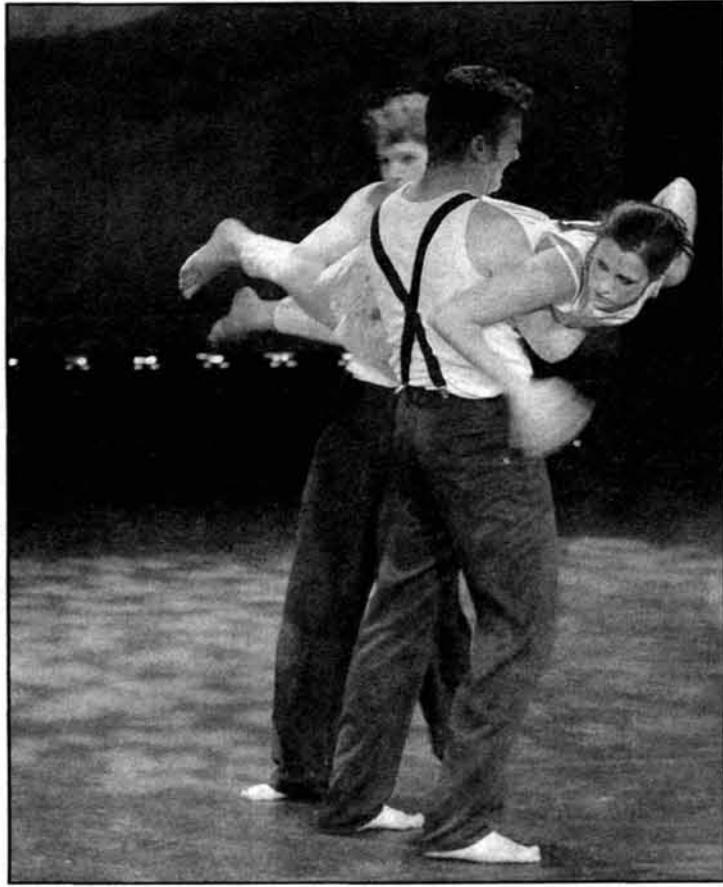
For those unfamiliar with the story, *A Midsummer Night's Dream* has a plot more twisting than a telenovela. In a few words, there's some issue between a bunch of Athenians who are to be married by decree, two of them (Hermia and Lysander) decide to elope, but not before telling the admirer (Helena) of the man Hermia should have married (Demetrius), had her father had his way. When the King of the Fairies (Oberon) hears about the sadness enveloping Helena, being spurned by the object of her affection, he tells his servant (Puck) to administer a love potion unto Demetrius' eyes so that the first being he sees (hopefully Helena) he will fall hopelessly in love with. So, clearly, Puck accidentally makes Lysander fall for Helena instead of Demetrius, and there's just a big mess, much to Puck's delight.

Meanwhile, in a wonderful act of recursion, there is a play within a play, whose own actors are struggling with problems of their own. But of course in the end everything works out, and the right people get married.

What made the CAST's performance uniquely wonderful for me was the many ways in which the actors took upon themselves the burden of connecting with the audience. By their own admittance, it's fearfully easy to lose sight of the meaning behind Shakespeare's work when involved in its intricacies for so many months, and the members of the CAST's cast made sure to keep personal contact at the forefront of their performances. Campbell's shrugs at the more archaic of Shakespeare's phrases and her direct interaction with the audience on several counts helped forge a bond between audience member and character.

The incredibly humorous transformation of Bottom (Tom Cantrell) into an ass rather gifted in the phallus department provided endless amusement to the less mature of the CAST's audience, myself included. The fairies' voices, Puck's insightful commentary into the nature of Quince's fruitiness, and many other small details altogether made for an overwhelmingly positive experience for myself and for the many other audience members as well.

It is a pity that the CAST's tour at MIT had to be so brief, but I myself certainly look forward to seeing them around in the near future, and will make sure to tear myself away once again for what is sure to be another masterful performance by some quite talented actors and actresses.



Clockwise from left:

Demetrius (Robert Donnelly) confronts Helena (Susanna Cousins) about her persistent pursuit as Fairy King Oberon (Mark Richards) watches.

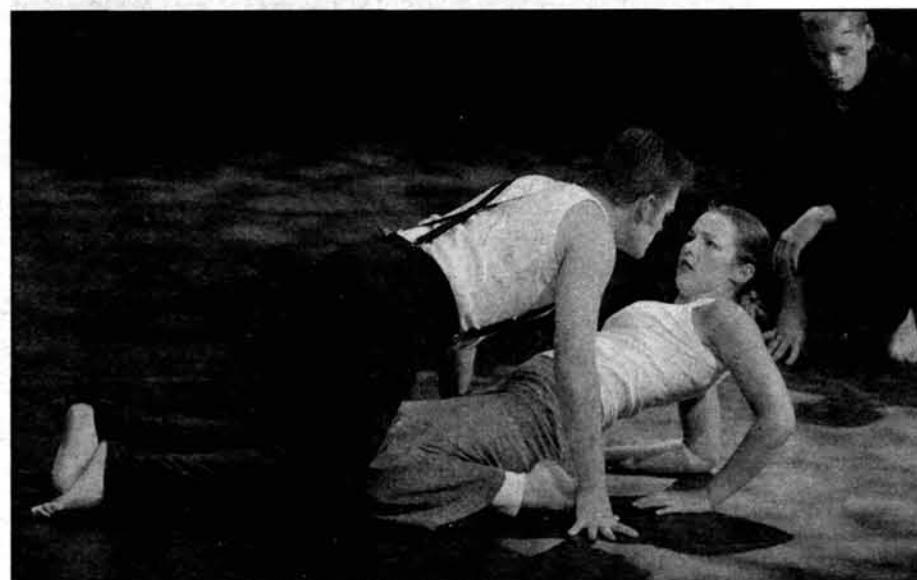
Quince (Robert Donnelly) delivers a monologue in Shakespeare's "A Midsummer Night's Dream."

Demetrius (Robert Donnelly) and Lysander (George Corbett) hold back the angered Hermia (Laura Wood). Hermia struggles to free herself in order to attack Helena for stealing her love, Lysander.

In Quince's production of Pyramus and Thisbe, Flute (George Corbett) and Snout (Susanna Cousins) kiss through an invisible wall.

The Cambridge University American Stage Tour presented Shakespeare's "A Midsummer Night's Dream" in Little Kresge on September 29, 2003.

Photography by Sylvia Yang



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RESTAURANT REVIEW

In Indian Meat Heaven on Newbury

Kashmir Serves Divine Chicken, Lamb, and Cheese Patties

By Amy Lee

STAFF WRITER

Kashmir
279 Newbury Street
(617) 536-1695
11:30 a.m. - 11 p.m.
\$16 - \$30

I have never felt so unremorseful about eating a cuddly baby animal. Kashmir, a posh restaurant on Newbury, specializes in Indian cuisine. Although their lamb dishes should reilluminate the wonders of being a carnivore to all, Kashmir does also provide many tasteful vegetarian dishes.

For an appetizer, the meal began with the shrimp samosa dish, two dumpling-sized golden brown turnovers placed on top of a medley of vegetables. With a melt-in-your-mouth flaky pastry covering that would make any French pastry chef indignantly smitten, the samosa convinced me I had a partiality for Kashmir before I started on my entrée. Wrapped within was a surprisingly bland mixture of curry spices and herbs and tiny whole shrimp that sadly lowered my favoritism.

While awaiting the next dish, I spent half the time watching trendy-looking legs stride past the window. The other half was employed scrutinizing a strangely large, very hairy fly that had landed on my food. Needless to say, I generously allowed the fly to have full reign of the rest of the appetizer.

Next came the tandoori tikka salad, served in a metallic pot-like bowl with handles. The salad was the complete opposite of the stereo-

typical cow's heaven, with a barely-there bed of greens smothered by excessive chicken strips and cucumber slices, unified by a slightly sweet yogurt sauce. The most noticeable thing of the whole night was the excellence of their meats; nothing had either the typical over-chewiness or toughness of steaks. The chicken, ironically in a salad, was no exception: it was so tender I had to examine it to assure myself I was indeed eating "the other white meat."

Before my new fly friend could continue his quest of obesity through sampling my salad, the next dish was served. Along with the tandoori rack of lamb entrée came a plate of freshly-made naan, a stretched out triangle-shaped bread, served hot and brushed with oil. The flatbread, baked in a clay Tandoor oven, had an amazingly doughy texture, perfectly soft and dense, except in the little crispy burnt spots.

The lamb was incredible, both in presentation and taste. Served still audibly sizzling, three lamb ribs were placed on a layer of slightly wilted greens and sweet onions with a lemon half placed on the side. The lamb was cooked to a flawlessly medium rare state, slightly red on the inside but not quite a vampire's feast. Marinated in an exotically tart but sweet spice sauce, the lamb was succulent and flavorful.

Unfortunately, I had another

unwelcome visitor in the form of a fly, who inconveniently decided to land on my naan before I could enjoy very much of it. By the extent of its exploration path, I think climbing the mountains of naan may have been more appealing to the fly than eating any.

I was content to give up the naan as dessert was being served. Rasmalai, cheese patties immersed in a fragrant creamy sauce, was



AMY LEE—THE TECH

An order of tandoori rack of lamb sits uneaten at Kashmir, a restaurant on Newbury Street.

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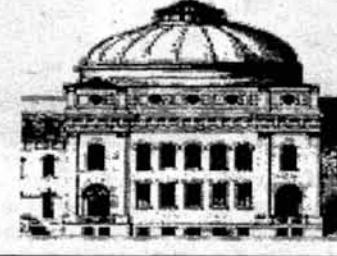
contact:

Donna Harding: 3-3366,
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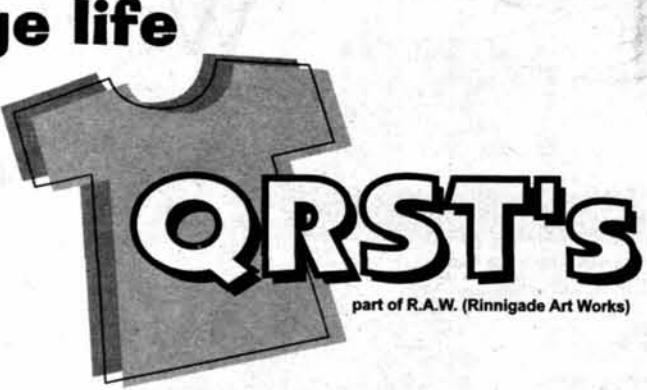
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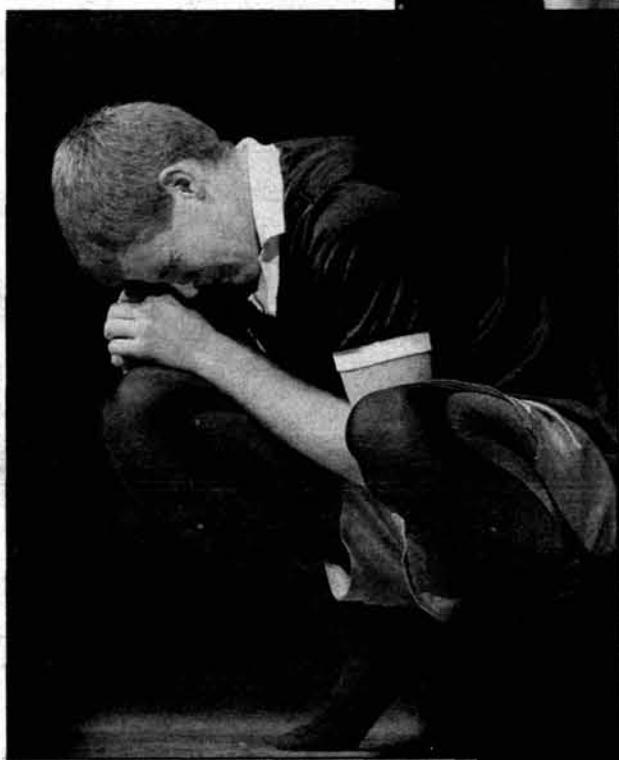
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Sigma Kappa Late Night

MIT takes a night off to strut its stuff



Clockwise from top:

Ravi Kapoor '06 sings "Name" by the Goo Goo Dolls while playing the acoustic guitar.

Lincoln W. Pasquina '07 juggles knives during his performance in a skit by Phi Beta Epsilon's pledge class.

Laura G. Condon '05 (left) and Jessica Eisenstein '06 try to get boys in Alpha Chi Omega's MIT Teen Girl Squad, based on the online cartoon at <http://www.HomestarRunner.com>.

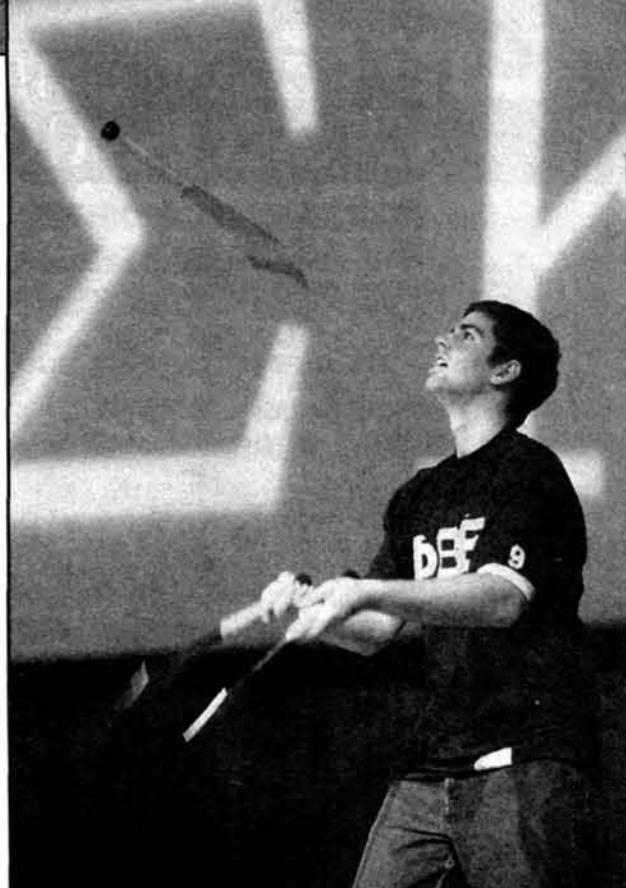
Elizabeth A. Sievert '05 performs a Polynesian dance in traditional costume.

David Rush '07 portrays the tormented Gollum from the Lord of the Rings.

Tim the Beaver shows off his moves in "MIT: Behind the Mascot" performed by the brothers of Pi Lambda Phi.

Sigma Kappa Late Night, an annual Institute-wide talent show, marked the end of Greek Week 2003.

Photography by Stephanie Lee



FEATURES

Gadget Review

X-10 Home Automation System

By Kailas Narendan
STAFF WRITER

Pros

- Allows remote and automated control of almost all of your room
- Flexible, modular design
- Reasonable cost

Cons

- Software for computer interface somewhat inflexible

The lowdown

From the makers of those damn pop-up ads that canvass the Internet with pictures of scantily clad women being watched by a "security" camera comes the X-10 home automation system.

The X-10 system, when built up with individual modules, can quickly and affordably give your living or working space the sci-fi touch. The X-10 system is comprised of a number of modules, about the size of wall warts, inserted into power outlets around your place. These modules utilize a clever mechanism for talking to each other, using the existing wiring of the power lines in your building.

In a network, there are a few commanding modules, and a plurality of slave modules. The slave modules control everything from lamps

to air conditioners, while the commanding modules can be controlled from your computer, a table top console or a wireless remote.

It slices and dices

I was very impressed by the ease of use and versatility of this entire system. It literally takes minutes.

There are a large number of slave modules you can purchase "a la carte" from the X-10 Web site that afford binary (on/off) control and even dimming functionality for incandescent lamps.

The computer interface for the system goes as far as to actually watch the network activity and learn about your daily activities, in case you want to replay them when you are gone for an extended period of time. It can even determine dawn/dusk times (from date and location information), and run lights based on those hours.

In addition to automated control of lights, you can control all your appliances from a cordless remote using the wireless modules. There is even a model of a remote that is integrated into a universal TV remote, allowing you to dim the lights and start your movie without even leaving your seat.

Software inflexibility

While the software did have quite a bit of functionality, it lacked some flexibility that

could have been easily added. While it's simple to have all your lights go to a predetermined brightness level at the push of a button, or your air conditioner turn on an hour before you get home, it isn't as easy to make your room voice activated.

The bottom line

I found the ability to control all my lights centrally made life much easier. Instead of running around the room turning lights on and off when necessary, I have a few strategically placed remotes that command the entire apartment.

The affordable and expandable nature of this system is key. Spending as little as \$100, it's possible to automate the lighting of almost any dorm room or small apartment. If you want to expand later, the system is designed to still function with a very large house.

If you're not happy with the little wall warts, there are modules built into light switches and outlets, allowing your room to preserve a normal look, with added functionality. You can buy modules through the company's Web site at <http://www.x10.com>.

They're always running various promotions or deals, so if you can wait and watch, you can most likely get a good deal. I also found various modules on EBay at substantial savings.



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Goler Finds Support Among Undergrads

Flag, from Page 1

mostly agreed that Goler should be allowed to hang a flag out of his window on the basis of freedom of speech.

However, without feedback from MIT administration, the final outcome and resulting campus-wide implications of the issue are still in the air.

Students were told that a representative of the Housing Office would be in attendance, but none showed up.

Many undergrads support Goler

"The general sentiment was that the institution handled the issue inappropriately," said Hannah K. Choe '06, representing MacGregor House. "We're leaving it up to future negotiations to decide whether MIT should explicitly

allow people to hang flags outside of windows."

"I think we're still kind of in the early stages here," said UA President Pius A. Uzamere II '04. "There are various perspectives from all over campus."

He said that some students believed that MIT was being selective in taking down Goler's flag, while others believe that MIT was merely following the rule.

Though Goler is a graduate student, he came to the UA seeking their formal support.

The UA Senate does not have any authority to permit Goler to display his flag, but it can make recommendations to the administration on behalf of the undergraduates.

"I hope that MIT comes to its senses and decides to reverse [its] decision," Goler said.

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Massachusetts Institute of Technology

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MIT Building 1, 77 Mass. Ave, Room 1-190

For questions please contact: Mandy Yeung
(mandyy@mit.edu) BMES VP of Special Programs



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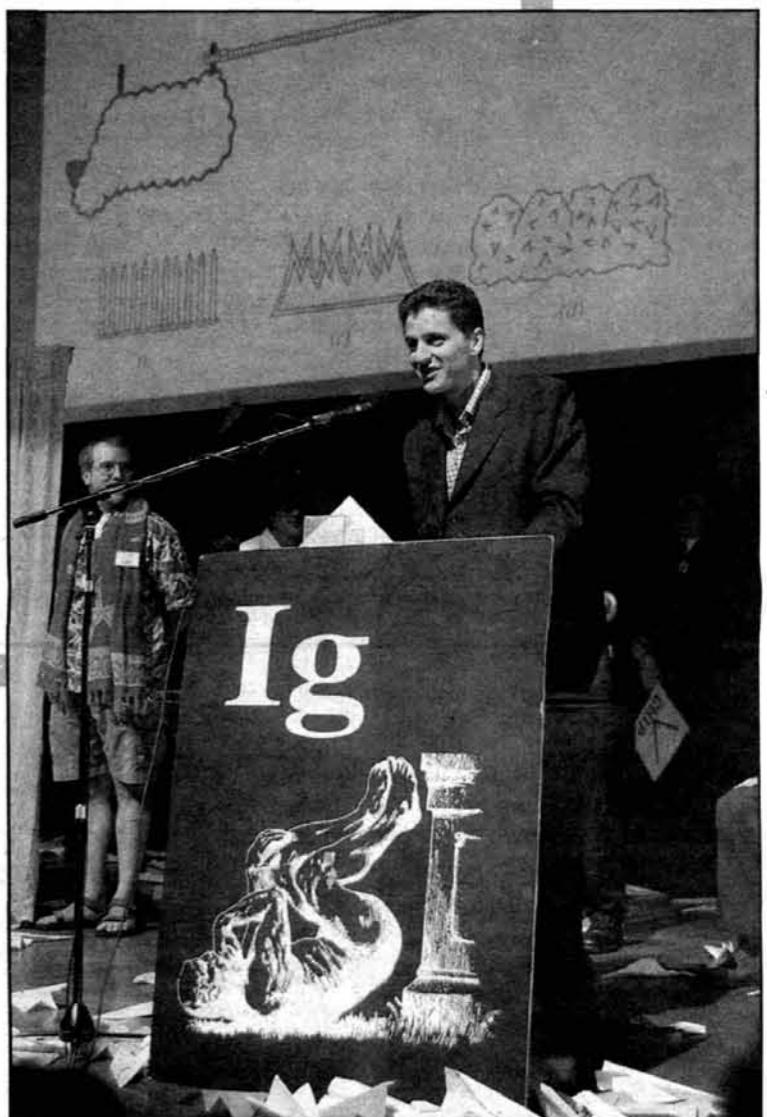
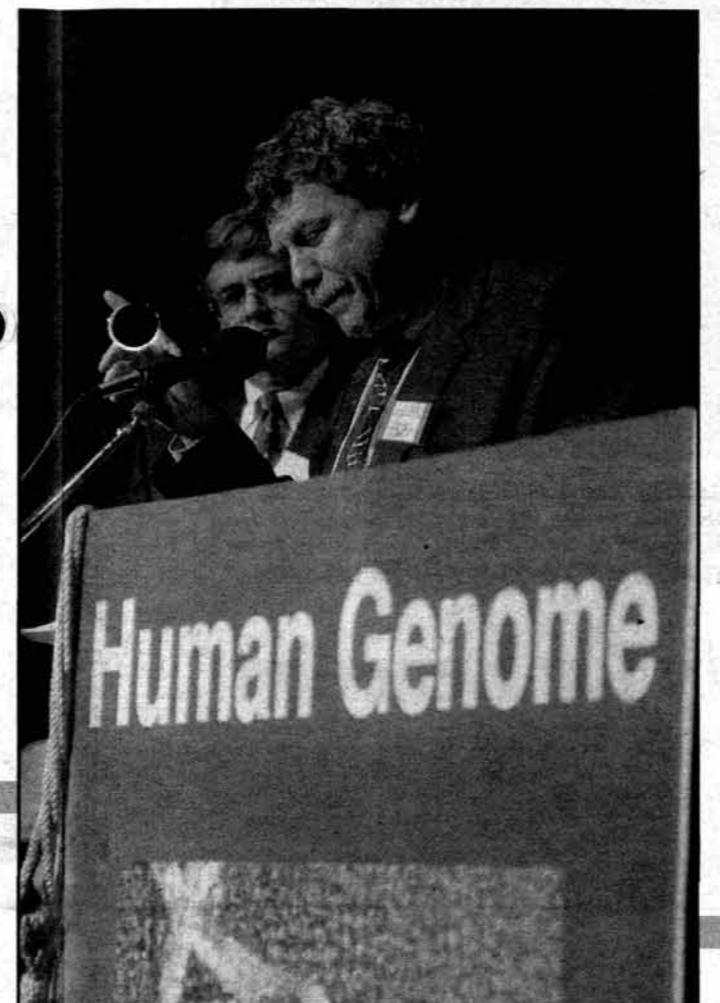
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The Ig Nobels

for results that cannot or should not be reproduced



Engineering

The late John Paul Stapp, the late Edward A. Murphy, Jr., and George Nichols, for jointly giving birth in 1949 to Murphy's Law, the basic engineering principle that "If there are two or more ways to do something, and one of those ways can result in a catastrophe, someone will do it" (or, in other words: "If anything can go wrong, it will").

Physics

Jack Harvey, John Culvenor, Warren Payne, Steve Cowley, Michael Lawrence, David Stuart, and Robyn Williams of Australia, for their irresistible report "An Analysis of the Forces Required to Drag Sheep over Various Surfaces."

Medicine

Eleanor Maguire, David Gadian, Ingrid Johnsrude, Catriona Good, John Ashburner, Richard Frackowiak, and Christopher Frith of University College London, for presenting evidence that the brains of London taxi drivers are more highly developed than those of their fellow citizens.

Psychology

Gian Vittorio Caprara and Claudio Barbaranelli of the University of Rome, and Philip Zimbardo of Stanford University, for their discerning report "Politicians' Uniquely Simple Personalities."

Chemistry

Yukio Hirose of Kanazawa University, for his chemical investigation of a bronze statue, in the city of Kanazawa, that fails to attract pigeons.

Literature

John Trinkaus, of the Zicklin School of Business, New York City, for meticulously collecting data and publishing more than 80 detailed academic reports about specific annoyances and anomalies of daily life, such as: What percentage of young people wear baseball caps with the peak facing to the rear rather than to the front; What percentage of pedestrians wear sport shoes that are white rather than some other color; What percentage

of swimmers swim laps in the shallow end of a pool rather than the deep end; What percentage of automobile drivers almost, but not completely, come to a stop at a particular stop-sign; What percentage of commuters carry attaché cases; What percentage of shoppers exceed the number of items permitted in a supermarket's express checkout lane; and What percentage of students dislike the taste of Brussels sprouts.

Economics

Karl Schwärzler and the nation of Liechtenstein, for making it possible to rent the

entire country for corporate conventions, weddings, bar mitzvahs, and other gatherings.

Interdisciplinary Research

Stefano Ghirlanda, Liselotte Jansson, and Magnus Enquist of Stockholm University, for their inevitable report "Chickens Prefer Beautiful Humans."

Peace

Lal Bihari, of Uttar Pradesh, India, for a triple accomplishment: First, for leading an active life even though he has been declared legally dead; Second, for waging a lively

posthumous campaign against bureaucratic inertia and greedy relatives; and Third, for creating the Association of Dead People.

Biology

C.W. Moeliker, of Natuur museum Rotterdam, the Netherlands, for documenting the first scientifically recorded case of homosexual necrophilia in the mallard duck.

The list of winners, including references, is available online at <http://www.improbable.com/ig/ig-pastwiners.html>.

Source: *Annals of Improbable Research*.

Clockwise from top left:

Professor Yukio Hirose of Kanazawa University attempts to bribe Miss Sweetie-Poo (Sylvia Rosenberg) after going over his one-minute time limit. Hirose accepted the Ig Nobel in Chemistry for his analysis of a bronze statue that fails to attract pigeons.

C.W. Moeliker holds up a model duck as he accepts the Ig Nobel for Biology. Moeliker was awarded the prize for documenting the first scientifically recorded case of homosexual necrophilia in the mallard duck.

Professor of Biology Eric Lander presents a nano-lecture on the genome at the Ig Nobel prizes. The nano-lectures required presenters to provide a complete description of their field in 24-seconds, followed by a seven-word summary that anyone can understand. Lander, one of the leaders of the Human Genome Project, summarized the genome: "Bought book, hard to read."

John Culvenor delivers an acceptance speech for his Ig Nobel prize in Engineering in front of a figure from his paper, "An Analysis of the Forces Required to Drag Sheep over Various Surfaces."

Jason McStoats, Atom in the nano-opera "Atom and Eve," delivers his last breaths as a Bose-Einstein Condensate. "Atom and Eve" was presented in four acts throughout the ceremony.

The Performing Swedish Scientists, Including Joost Bonsen, Daniel Rosenberg, and Natasha Rosenberg, demonstrate an air cannon in "A Moment of Science."

An audience member swoons after winning a date with Richard Roberts, winner of the Nobel Prize in Physiology or Medicine in 1993 in the Win-a-Date-With-a-Nobel-Laureate Contest.

The annual Ig Nobel awards are given by the *Annals of Improbable Research* to scientific achievements that "cannot or should not be reproduced." The awards were once held at MIT, but are now held at Sanders Theater at Harvard.

Photography by Jonathan Wang

Theta Delta Chi to Be Alcohol-Free for Rest of Year

TDC, from Page 1

police.

Barnes said he was concerned about the "cops be damned" attitude he felt was becoming more prevalent at MIT fraternities. He said TDC should "tell the story [of the unfortunate incident] throughout the MIT community," and that the project "should be something creative."

Robert P. Schreiber '75, a member of TDC's alumni corporation, said he thought the sanction was fair.

TDC alcohol-free for a year

The CLC's decision on Sept. 27 came after several major changes imposed by the fraternity's alumni corporation, which owns the house, and the fraternity itself, including going alcohol-free for the remainder of the academic year and suspending a brother from the fraternity for at least one semester.

TDC President Daniel M. Halperin '04 said at the decision hearing Sept. 27 that the fraternity members had agreed to make the house "alcohol-free" for the academic year and to make the roof deck alcohol-free for the summer as well.

In addition, Halperin said the fraternity and alumni corporation had joined the Campus Alcohol Advisory Board, a group focused on promoting responsible drinking habits.

"Our goal is to go in and figure out how it works and spearhead a project," he said.

Barnes further required that no "event," or party of any kind, be held on the roofdeck until TDC is again

reviewed by the CLC.

The CLC will review the fraternity's efforts in six months and then decide whether to impose sanctions or take further steps.

Summer management found lax

Halperin and Schreiber said the summer incident could be traced to poor summer management of the house.

"The management issue during the summer was pretty severe," Halperin said.

He said that "the most important steps are that the summer officers are going to be more plentiful and more responsible" next year. He also said that next summer house officers would meet every two weeks with members of the alumni corporation.

Alumni corporation member Schreiber said the "face of the house changes" during the summer. Non-member summer residents make up one half to two thirds of the population of the house, and these are "generally very young people."

He said these summer boarders were a "major income source," but that the alumni were trying to raise funds to eliminate the need for summer boarders.

In the future, TDC will "interview [potential summer residents] in a more selective way," he said.

Alumni action preempts TDC

One major action taken by the alumni corporation was to ban TDC member James P. Wagner '04 from the house following allegations by the police that he was one of two

main aggressors in the incident.

Schreiber said that as a consequence Wagner is "not supposed to set foot in the house" until the alumni "agree it's okay."

Halperin said that the decision banning Wagner would not be reconsidered until at least January 2004. As the landlord from which TDC rents its house, he said, the alumni corporation has the power to disallow any person from the premises.

He said that the fraternity was preempted in taking any action against Wagner by the corporation's decision at the initial hearing in early September.

Wagner did not return requests for comment.

The alumni corporation also suspended the members of the alumni softball team from the house.

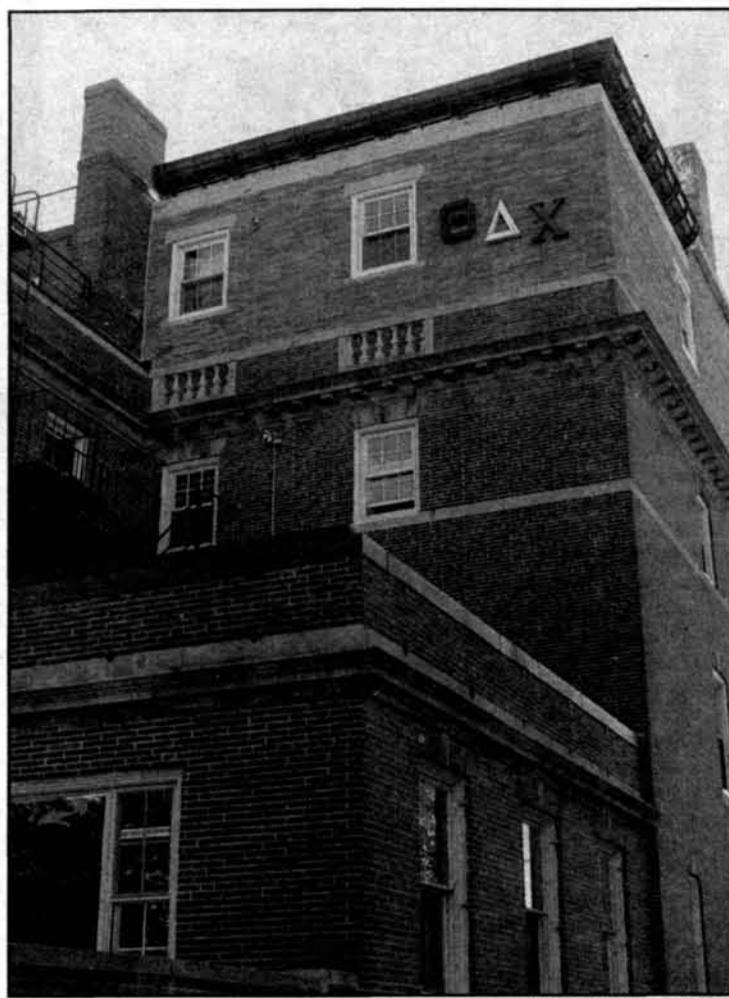
TDC moves to change culture

"We're very much still here and very much stronger," Halperin said. "It's unfortunate something this bad had to happen to turn us around, but people are sticking together."

Other changes the alumni are considering include having a resident alumnus, "not a very recent alum," live at the house, Schreiber said.

He also said that at least once a month, a member of the alumni corporation would attend the fraternity's weekly chapter meeting, and that TDC would have an annual retreat at the beginning of each school year at which the alumni could reinforce health and safety standards.

Jennifer Krishnan contributed to the reporting of this story.



JOHN CLOUTIER—THE TECH

The Cambridge License Commission will require Theta Delta Chi to "do something creative" to change fellow fraternities' attitudes toward alcohol and the police or face a 14-day suspension during Rush next fall. The fraternity will also be dry for the remainder of the year.

Reading Room Renovations Still a Priority for Benedict

Reading Room, from Page 1

The CRSP will be soliciting projects from Benedict and other Institute deans in a few weeks. The proposal "clearly was high priority when first submitted and is still considered high priority, and he [Benedict] just needs to affirm it again," Canizares said.

Canizares explained that although renovation projects are highly desirable, they are often "postponable," as was the case last spring. He said that the CRSP would likely face financial limitations this year, but that the proposal still has an "excellent chance" of receiving funding. "[I] would very much like to do [the renovation]. ... The rest of the committee agrees and hopes that that will happen."

Canizares said that renovation projects associated with students and academic cycles are usually completed over the summer so as not to disrupt study.

Students say renovations needed

Julia D. Kurnik '06, who uses the reading room "all the time," said she would find beneficial the addition

of group study space. She said she is often distracted by group workers in the reading room and that the area outside the fifth floor Athena cluster does not have enough seating for all the people who want to engage in group work there.

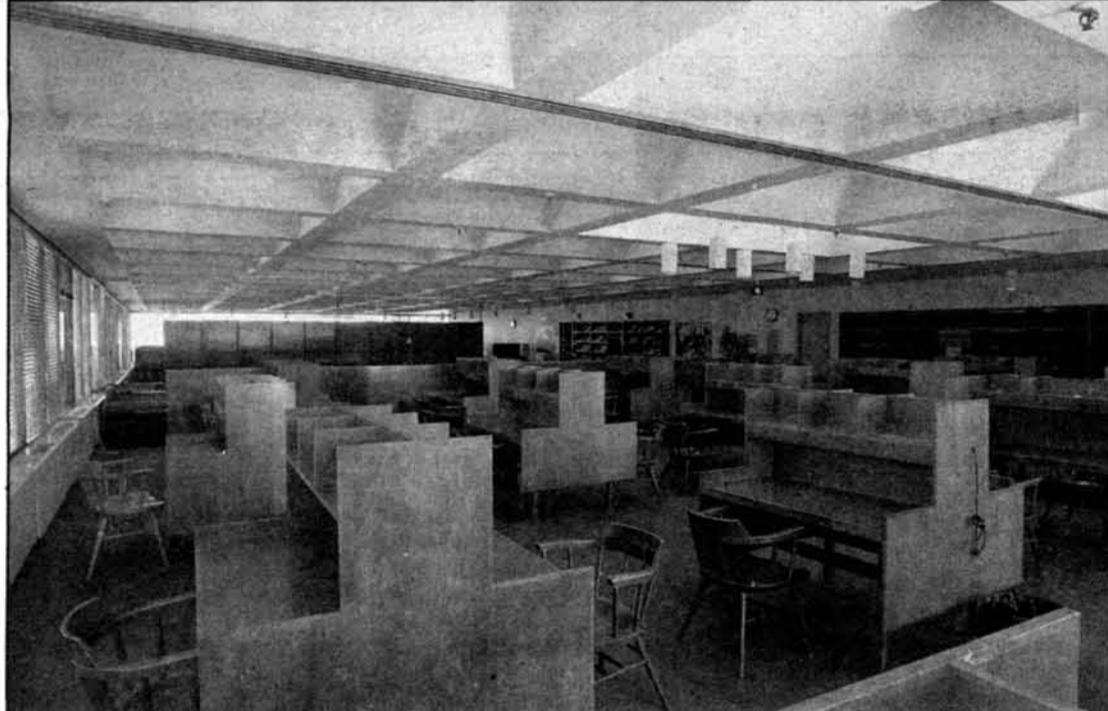
Danielle D. Chu '06, who usually uses the reading room to study for exams, said that the lighting "definitely need[s] to improve" because she has the tendency to fall asleep as soon as she walks in.

Munhee Sohn '04 agrees that lighting is a problem. She said the darkness of the room makes it depressing. She also said that if the room were nicer, more people would probably use it.

UA survey prompted proposal

The UA approved the proposal to renovate the reading room after the results of an online survey they conducted last November indicated that student demand for the renovation was significant.

At the time of the approval, the UA also voted against an alternative proposal by the Association of Student Activities that part of the reading room be converted into space



JOHN CLOUTIER—THE TECH
Plans are being made to renovate the reading room on the fifth floor of the Student Center. Over 10 years have passed since the room's last renovation.

for the MIT Science Fiction Society library, currently housed on the

fourth floor of the Student Center. The current MITSFS space would then have been converted to additional student group offices.

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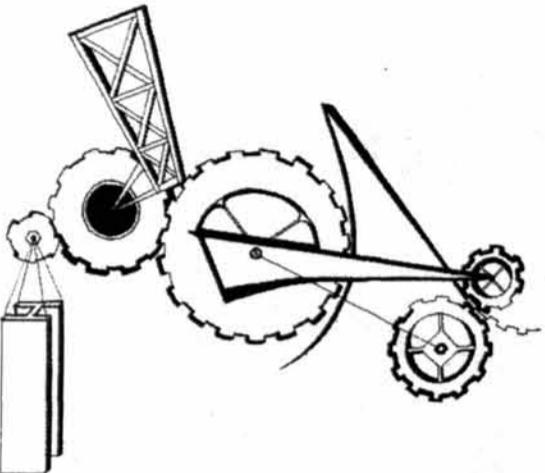
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<http://web.mit.edu/ideas/www>

Growing up Arab in America

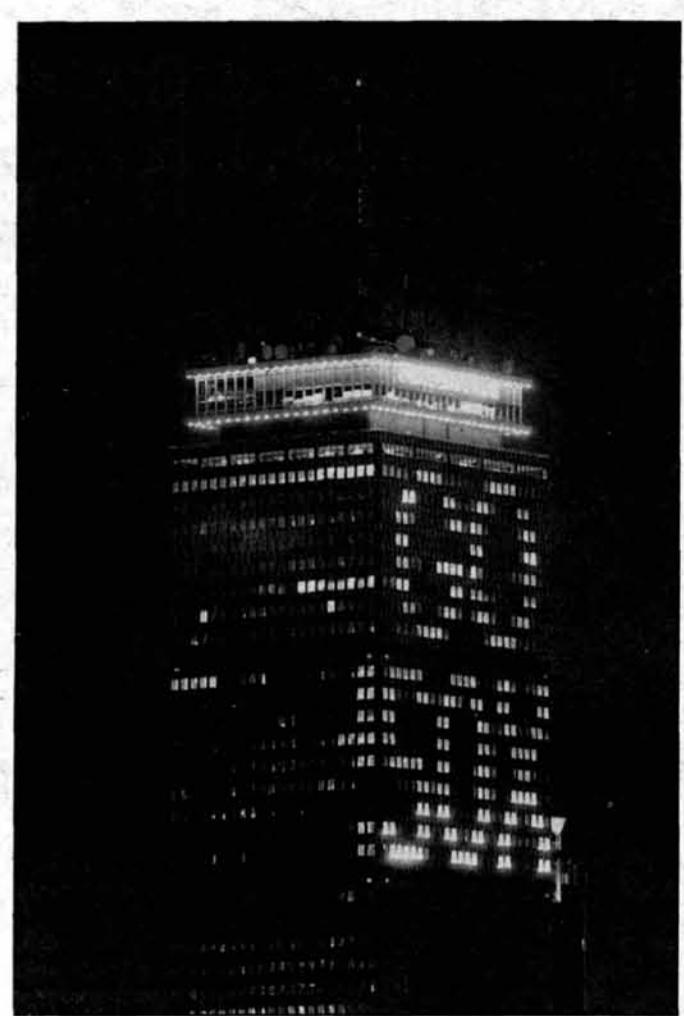
Chocolate in Heat

Friday, October 10th, 7:30pm
Little Kresge Auditorium

Tickets
\$5 students
\$10 non-students

Available at <http://web.mit.edu/arab/www>

Chocolate in Heat is a performance of interlocking monologues: Need, Love, Ignorance, Sex, and Justice, infused with music and dance. The play addresses aspects of the universal human experience, as perceived by a character living where two cultures converge. Betty Shamleh and Peter Fattouche perform, and Sam Gold directs. Chocolate in Heat is currently playing off-Broadway at The Tank Theater in New York.



GRANT JORDAN—THE TECH
The Prudential building lights up to cheer on the Red Sox during their game against the Oakland Athletics on Saturday. The Sox went on to win in the 11th inning with Trot Nixon's walk-off homer that brought the score to 3-1.

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Application Deadline: October 15, 2003

Demaine 'Home-Schooled,' Received Bachelor's at 14

Genius, from Page 1

field — such as protein folding — are discovered.

"There are a lot of [areas of research] that have been passed over, ... a lot of basic questions that nobody ever asked," Demaine said, recognizing that knot theory had a similar history. "It has led to some deep mathematics, like in knot theory. ... Whether [computational geometry] is a big area remains to be seen."

Demaine is the 14th MIT professor to receive the foundation's grant, joining professors such as Eric S. Lander in biology, Noam A. Chomsky in linguistics, and most recently, professor Sendhil Mullainathan in economics. Demaine is also the youngest recipient of the fellowship this year.

Unconventional schooling

With an unusually bright professor comes an unusual history. He was "home-schooled" by his father, Martin L. Demaine from age seven to twelve, which actually involved visiting various cities of North America, selling crafts to support their journey, and reading what captured his fancy in local libraries and bookstores.

Demaine said that he did attend a public school in Miami Beach because of a girl who went there. "My father encouraged [me to] go, but when I realized she wasn't interested in me, I stopped," he said.

Demaine said that despite his unusual schooling, social interaction remained an integral part of his life. "Either by my dad's design or by luck, I just hung out with kids when they returned home from school for the rest of the day," he said.

At the age of 12, Demaine

entered Dalhousie University in Halifax, Nova Scotia, to take advanced courses in the computer science department. The skeptical department heads were convinced of his merit when he aced the courses. He received his bachelor's degree in two years and his PhD (at the University of Waterloo) in six.

In the same year, Demaine came to MIT with his father (who is a visiting scholar at MIT's Laboratory for Computer Science). "I primarily came because it's the top place for computer science, but now I realize I like the culture here," he said. "People are excited about projects and love to jump in on them."

While at MIT, Demaine has continued his research in puzzles, recently proving the game of Tetris is so difficult as to belong to a class of problems known as "NP-complete."

"Essentially, I proved that it is computationally intractable — or that the computer can't necessarily win," said Demaine. "If I told [the computer] all the pieces that will come, and it had infinite dexterity so falling pieces weren't a concern, could [the computer] stay alive? And it can't ... it's what makes Tetris such a hard puzzle and what I think makes Tetris so fun to play."

Colleagues congratulate Demaine

Many of Demaine's colleagues have come forth to congratulate him on the honor.

"I was extremely happy," said Anna Lubiw, an associate professor of Computer Science at the University of Waterloo and one of his PhD supervisors. "The award says it is for outstanding creativity and marked capacity for self-direction, and that's Erik."

Amidst colleagues' praise for the professor's academic accomplishments, there dwelt a strong respect for his warm and personable attitude.

"It really couldn't happen to a more deserving and nicer guy," said Joseph O'Rourke, chair of computer science at Smith College. "It's a great confirmation of his

work. It is amazing that we're discovering things about paper folding, which has been around for thousands of years, and yet still there are so many deep mysteries about it."

O'Rourke and Demaine are collaborating on a book entitled *Folding and Unfolding*, which first drew the foundation's attention to

Demaine's work.

Demaine said that he is not too certain about how he will use the grant, which is free to be used as the recipient pleases. He said it will mostly help him travel and visit colleagues to do collaborative work, though he also mentioned constructing an art or architecture project based on mathematics.

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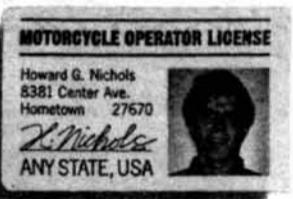
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Solution to Crossword

from page 20

SCOW	METAL	CHOP
ERDA	OXEYE	AIDA
GUAR	OPENSECRET	
OXYMORONS	THESE	
ARES	MOE	
MANIAS	FRONTEND	
ALERT	OLAN	SPEE
GIG	EASY	JOB
IBET	THEA	LACER
CIVILWAR	DELTAS	
SIT	BONA	
NOISE	STANDDOWN	
UNSUNG	HERO	DOHA
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EXES	DYERS	NAME

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October 7,
2003

COMICS

FUN PAGES

The
Tech

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pooplets & pooplings by: Nancy



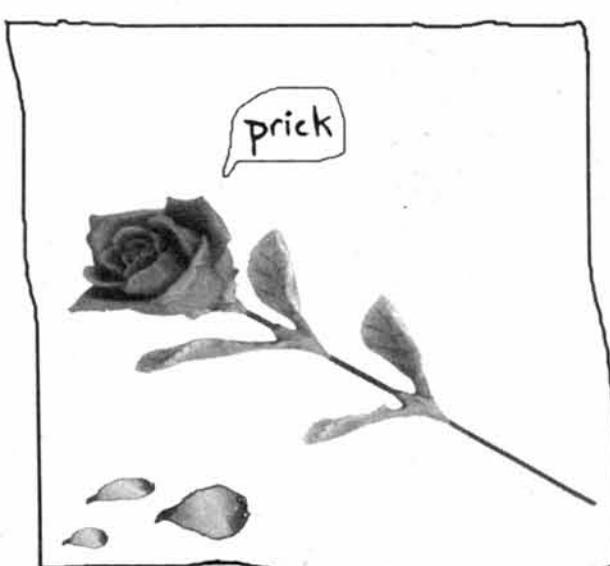
Hay Fever

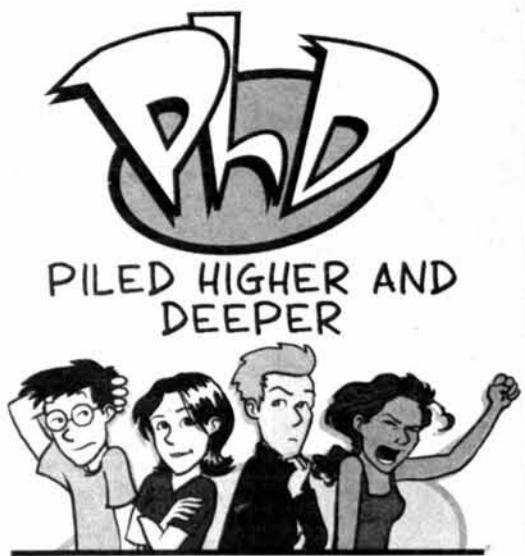
by, Qian Wang + Jennifer Peng



-Jpeng

Mike, the Dog

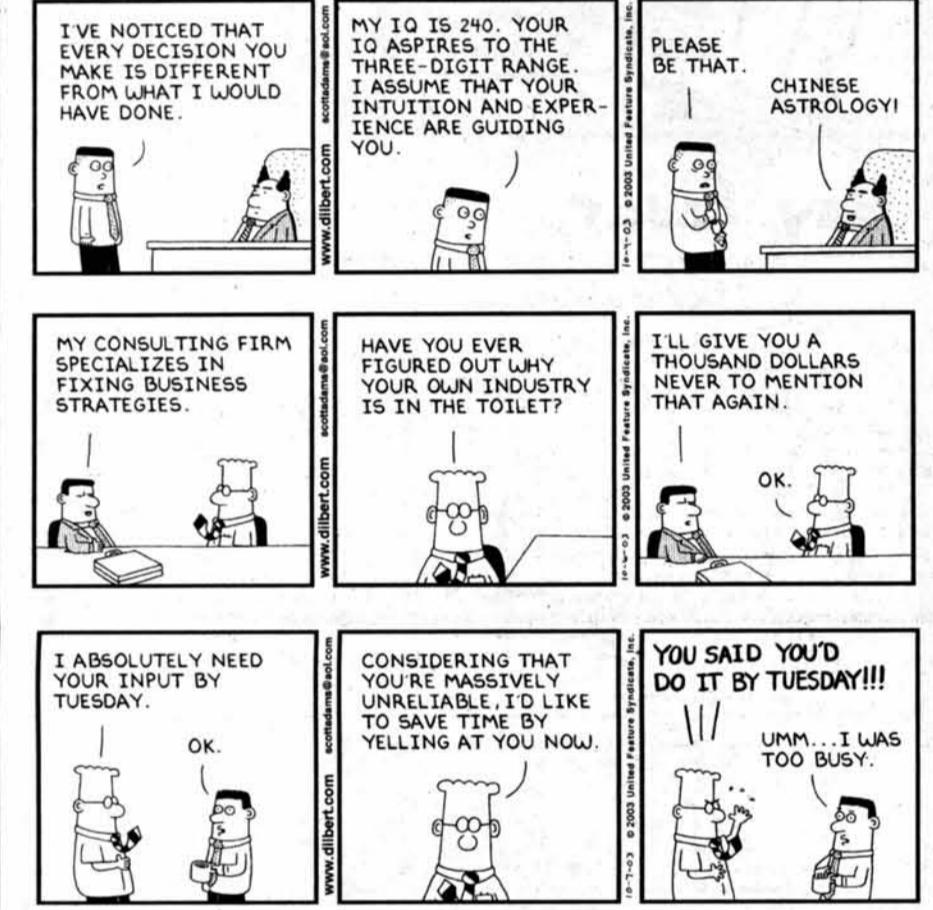




FoxTrot by Bill Amend



Dilbert® by Scott Adams



Crossword Puzzle

Solution, page 17

ACROSS

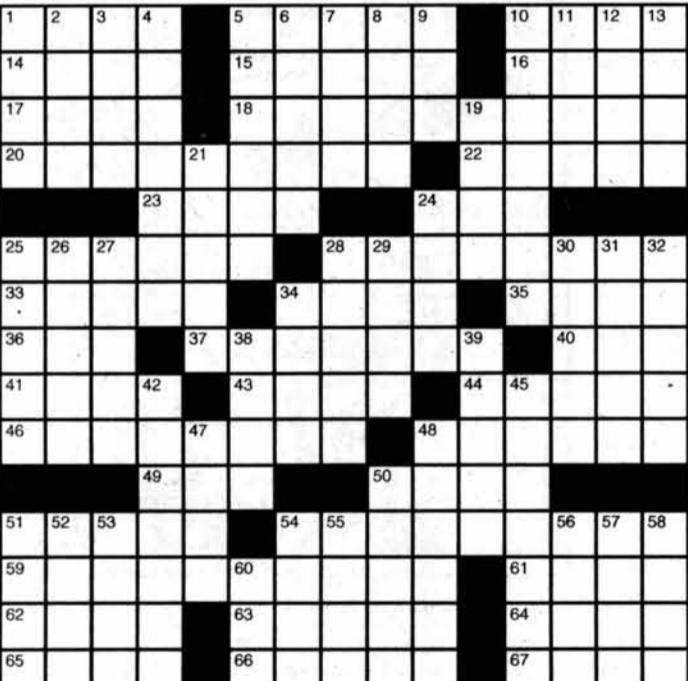
- Flat-bottomed boat
- Conductive element
- Pork cut
- "The Ring of the Nibelung" character
- Type of daisy
- Verdi work
- Forage legume
- Generally known
- Incongruous figures of speech
- The near ones
- God of war
- Cohort of Curly
- Crazes
- Back to the beginning?
- On the qui vive
- Heroine of "The Good Earth"

DOWN

- "Pursuit of the Graf __"
- Actor Young
- Snap
- GPs' org.
- Yeah, sure
- Actress Gill
- Shoe salesman, at times
- Gentlemanly dispute?
- River ends
- Pose
- fide
- Conflicting sounds
- Withdrawal
- Unknown soldier?
- Qatar's capital
- Rote or Petty
- Horse opera
- Laverne's L
- Alimony recipients
- Color changers
- Title
- Desert lily
- Critical point
- Singer Anita
- Type of furnace
- Mary Tyler and Roger
- Montreal team
- Adolescent
- Rand and others
- Brown of music
- Marks of quality
- Add to staff
- Lofty poems
- de foie gras
- Type of collar
- Speak from a soapbox
- Pre-stereo sound
- Florida team
- Excuse
- Israel's desert
- Aviator
- Indian royalty

30 Solar-lunar

- calendars
- differential
- Site of ancient Greek games
- Cherished ones
- Safety grp.
- Chem. figure
- Mix
- Paper hankies
- Magic-lamp man
- Property claim
- Philanthropists
- Having less coverage
- Use a microwave?
- Cameo stone
- Wight or Skye
- Light carriage
- Head of France
- One Chaplin
- Caprice
- Cager Archibald
- Deity



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Events Calendar

Visit and add events to Events Calendar online at <http://events.mit.edu>

Tuesday, October 7

10:00 a.m. - Admissions Information Session. Admissions Office Information Session gathers at the Admissions Reception Center. Groups over 15 people need to make special reservations. Free. Room: Admissions Reception Center, (Building 10, Room 10-100). Sponsor: Information Center.

10:00 a.m. - 11:00 a.m. - MIT/WHOI Joint Program Coffee-Donut-Bagel Hour. An opportunity for MIT and WHOI based students to interact on the days when Joint Program classes are held in Woods Hole. Room: Woods Hole Oceanographic Institution Student Center, 3rd Floor, Clark Laboratory South. Sponsor: WHOI Student Organization. GSC, EGSAC.

10:45 a.m. - Campus Tour. Student-led campus tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups or buildings under construction. Groups over 15 people need to make special reservations. Campus tours start at the conclusion of the Admissions Information Session. Free. Room: Lobby 7. Sponsor: Information Center.

12:00 p.m. - 1:00 p.m. - Autumn Garden Walk at MIT. As the ambers, rubies, and saffrons arrive, take a peaceful noontime respite with an autumn garden walk at MIT. The inspiring and magnificent gardens at MIT provide a restful and welcome respite from the daily activities at 77 Mass. Ave. Hosted by seasoned MIT gardeners, the tour includes exploration of some of the special pathways and gardens around campus that provide peace, tranquility, and respite from the hurried daily pace. Wear comfortable walking shoes. Specific or general horticultural inquiries are most welcome. Space is limited. No phone-in reservations. Tickets must be picked up in person at the MITAC office. Limit two tickets per person with one photo MIT ID. Pick up tickets at MITAC by Oct. 3rd. Free. Room: MIT, Cambridge. Sponsor: MITAC.

12:00 p.m. - 1:00 p.m. - Modern Optics and Spectroscopy. Lecture series. Free and refreshments will be served. Room: 34-401. Sponsor: Spectroscopy Laboratory.

12:30 p.m. - The Ethics of Gender and Family Planning in Contemporary Greece. A Women's Studies Intellectual Forum. Free. Room: E51-095. Sponsor: Women's Studies Program.

2:00 p.m. - Admissions Information Session. Free. Room: Admissions Reception Center. Sponsor: Information Center.

2:30 p.m. - 3:30 p.m. - A Variational Approach to the Dynamics of Stepped Nanostructure Surfaces. Refreshments will be served afterwards. Free. Room: Building 2, Room 338. Sponsor: Physical Mathematics Seminar.

2:45 p.m. - Campus Tour. Free. Room: Lobby 7. Sponsor: Information Center.

3:00 p.m. - 4:00 p.m. - MiTea Time — Culture Exchange — English Chinese Class. Our free English class is good for newcomers to get started with their English conversations in a very friendly environment. It is also good for people who have interest in learning the American culture, American life styles, etc. Lots of interesting topics and discussions will be a good start for your English learning. Feel free to come and have wonderful discussions with our native English-speaking teachers. Refreshment will be served. Free. Room: 5-134. Sponsor: Chinese Student and Scholar Association, GSC Funding Board. MIT CSSA & GSC.

3:00 p.m. - 4:30 p.m. - Winning Interview Techniques. Learn how to prepare effectively for an interview and practice with your peers. All workshops require pre-registration. Register for workshops at <http://web.mit.edu/career/www/services/workshops.html> and choose Calendar of Workshops. Free. Sponsor: Career Services Office.

4:00 p.m. - 5:00 p.m. - Nuclear Theory Seminar. Integrability of long conformal operators. Free. Room: Center for Theoretical Physics-Bldg 6, third floor seminar room. Sponsor: Laboratory for Nuclear Science.

4:00 p.m. - MIT Astrophysics Colloquium: DALE FRAIL. Diversity in Cosmic Explosions. Free. Room: Marlar Lounge, Room 37-252. Sponsor: Astrophysics.

4:15 p.m. - 5:30 p.m. - GTL Seminar Series. Micro-Turbomachinery and Advanced Engine System. Free. Room: 33-206. Sponsor: Gas Turbine Laboratory.

4:30 p.m. - 9:00 p.m. - Rainbow Lounge Open. MIT's resource lounge for lesbian, bisexual, gay, transgendered, and questioning members of the community offers a place to hang out, various activities, and a lending library during its open hours. Free. Room: 50-306. Sponsor: lgbt@mit.

5:30 p.m. - 6:30 p.m. - Northwestern Medical School Presentation. Presentation will discuss requisites of program, curriculum, faculty, and much more. Free. Room: 2-132. Sponsor: Career Services Office.

6:00 p.m. - 7:00 p.m. - the mit e-club weekly tuesday meeting. the regular weekly tuesday meeting of the mit entrepreneurs club, aka: the e-club, an mit service organization, where students, faculty, staff and alum gather to pitch, hear, critique and discuss their new science and technology start-up ideas, network, build 50k or independent founders' teams, and more; stay for our mit 6-credit seminar sem.095 on tech start-ups (sem.089 in fall term). Free. Room: 56-114. Sponsor: Entrepreneurs Club.

6:00 p.m. - Varsity Women's Field Hockey vs. Babson. Free. Room: Jack Barry Field. Sponsor: Physical Education, Department of Athletics, Physical Education and Recreation.

6:00 p.m. - Tuesday Evening Toastmasters @ MIT: Weekly Club Meeting. At Toastmasters, members learn by speaking to groups and working with others in a supportive environment. Typical meeting consists of: Prepared Speech session (2-3 members present speeches based on projects from the Toastmasters International Communication and Leadership Program manuals. Projects cover such topics as speech organization, voice, language, gestures, and persuasion), Table Topics session (Members present 1 to 2 minute impromptu speeches on assigned topics), and Evaluation session (Every prepared speaker is assigned an evaluator who points out speech strengths and offers suggestions for improvement). Guests are welcome. Free. Room: 2-147. Sponsor: Tuesday Evening Toastmasters @ MIT.

6:30 p.m. - Can a European Understand the American City? Architecture Lecture by Joseph Rykwert, historian, University of Pennsylvania. Free. Room: 10-250. Sponsor: Department of Architecture.

7:00 p.m. - 8:00 p.m. - Graduate Student News Meeting. Free. Room: 50-220 (Walker Memorial). Sponsor: GSC Meetings.

7:00 p.m. - 9:00 p.m. - Historical Aspects of the Nobel Prizes. The Nobel Prize as a Mirror of 20th-Century Science and Culture. Free. Room: E51-275. Sponsor: STS.

7:00 p.m. - 8:00 p.m. - Career Opportunities in Investment Banking & Finance. Have you ever thought about a career on Wall Street? Is investment banking a career path that you'd like to pursue? Come find out about what it takes to be a banker on Wall Street today, and what the issues are facing big firms on Wall Street. Sloan Professor Stewart Myers and Mike Epstein will moderate a discussion between Maria Jelescu (Analyst - Goldman Sachs), Sri Kosaraju (Associate - J.P. Morgan) and Dino DeAngelis (Vice President Global Debt Market - Merrill Lynch) among other prosperous banker-alumni from Wall Street and from Boston. Chinese food will be served! Free. Room: Building 6 Room 120. Sponsor: Science and Engineering Business Club. GSC ARC.

7:30 p.m. - 8:30 p.m. - MIT Radio Society. Connect with fellow hams, learn how to get your license, participate in club business, and pursue fascinating projects to advance radio. Free. Room: 50-358. Sponsor: MIT Radio Society.

8:00 p.m. - 10:00 p.m. - GSC/S-PS Arts Class series. Arts class for all levels. Drawing and painting. See Web site for more information and registration details. Five dollars. Room: Sidney-Pacific Graduate Residence. Sponsor: Sidney-Pacific House Council, GSC Activities. ARCADE.

9:00 p.m. - 11:00 p.m. - LIVEmusic@theEAR: Rosanna Lee. Boston singer/songwriter Rosanna Lee is a solo acoustic guitar player with a new album, Girl With The Red Guitar, full of original folk/rock tracks that leave you wanting more. Must be over 21. Proper ID required. Free. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

Wednesday, October 8

12:00 a.m. - Visiting Committee for Urban Studies and Planning. Biennial meeting of the Corporation Visiting Committee for the Department of Urban Studies and Planning. Room: Bush Room 10-105. Sponsor: Corporation Office.

9:00 a.m. - 5:00 p.m. - Rohm and Haas Company. Rohm and Haas Company is one of the world's largest manufacturers of specialty chemicals — technologically sophisticated materials that find their way into applications in a variety of major markets. Most Rohm and Haas products are never seen by consumers; rather, they are used by other industries to produce better-performing, high quality end-products and finished goods. Interested in PhD candidates and postdocs. Applicants must be presently authorized to work in the US on a full-time basis for any employer. Areas of Expertise: Analytical, Organic, Inorganic, Physical. Interviews available in Room 18-578. Sponsor: Chemistry-recruitment. Rohm and Haas Company.

10:00 a.m. - Admissions Information Session. Free. Room: Admissions Reception Center. Sponsor: Information Center.

10:45 a.m. - Campus Tour. Free. Room: Lobby 7. Sponsor: Information Center.

11:00 a.m. - 12:00 p.m. - Optics & Quantum Electronics Seminar. Carrier-Envelope Phase Stabilization of Modelocked Lasers. Free. Room: 38-401B. Sponsor: Optics.

11:00 a.m. - 3:00 p.m. - Event Logistics Open House. Come meet your MIT Event Logistics Providers: Campus Activities Complex, MIT Audio Visual Services, Conference Services/Information Center, MIT Cable Television, MIT Copy Technology Centers, Parking and Transportation, MIT Endicott House, Tech Catering by SODEXHO, MIT Catering/MIT Faculty Club, Academic Media Production Services/MIT Video Productions, Disability Services, MIT Mail Services, MIT Campus Police, MIT Department of Facilities, and MIT Museum. Attend Cooking Demonstrations! Tour the CAC facilities! Learn about event set-up options! Join our Q&A session on room reservations! Find out about technical services for your event. Free. Room: Stratton Student Center (W20). Sponsor: Campus Activities Complex.

12:00 p.m. - 1:00 p.m. - Artists Behind the Desk Concert. Piano program "reminiscent of Keith Jarrett, McCoy Tyner, Debussy ... though a style all his own" by jazz pianist Bob Toabe. Free. Room: Killian Hall. Sponsor: Artists Behind the Desk.

12:00 p.m. - 1:00 p.m. - GAME Luncheon Seminar Series. Two Mechanical Engineering grads each give a 25 minute talk on their research. Lunch is provided. Free. Sponsor: Graduate Student Council, Graduate Association of Mechanical Engineers.

12:00 p.m. - 1:00 p.m. - Ocean Systems Luncheon. Lunch and Lecture on SAIC Ocean Systems. Free. Room: 5-314. Sponsor: Graduate Student Council, 13SEAS.

12:00 p.m. - 1:30 p.m. - European Union Security and Defense Policy. Free. Room: E38-615. Sponsor: Center for International Studies, Security Studies Program.

12:30 p.m. - 1:30 p.m. - PLC Toastmasters Meeting. Guests are always welcome at Toastmasters meetings! At Toastmasters, we improve our communication and leadership skills through prepared and impromptu speaking opportunities. Gain confidence as a public speaker and have fun at the same time! Free. Room: W89-305. Sponsor: Toastmasters, MIT Organization and Employee Development, Human Resources.

2:00 p.m. - Admissions Information Session. Free. Room: Admissions Reception Center. Sponsor: Information Center.

2:00 p.m. - 3:00 p.m. - String Theory Seminar. A New Hat for the c=1 Matrix Model. Free. Room: Center for Theoretical Physics-Bldg 6-third floor seminar room. Sponsor: Laboratory for Nuclear Science.

2:45 p.m. - Campus Tour. Free. Room: Lobby 7. Sponsor: Information Center.

3:00 p.m. - 5:00 p.m. - spouses&partners@mit weekly meeting: GSC Housing & Community Affairs. Learn about the work the Graduate Student Council is doing to help families at MIT. You'll meet Leigh Outten and Annie Vithayathil, HCA Committee Chairs. Bring your questions and ideas and experiences! Childcare provided. Free. Room: W20-400. Sponsor: spouses&partners@mit, MIT Medical.

4:00 p.m. - 6:00 p.m. - Rainbow Reception. An annual celebration of MIT's LBGT community. Please join us as we work together to build a stronger, safer community for students through conversation, light refreshments, and a little fun. A preview of "Being LBGT and at MIT: A Collection of Photographs" will occur at the Reception. Free. Room: East Campus Talbot Lounge (Bldg. 62). Sponsor: lgbt@mit.

4:15 p.m. - 5:15 p.m. - Combinatorics of Alcoves with Applications to Representation Theory and K-Theory. Refreshments afterwards. Free. Room: 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.

5:00 p.m. - 7:00 p.m. - Ignition Forum: UWB Wireless. Deshpande Ignition Forum: Industry experts debate future market opportunities for technology. Followed by WineLink, in part sponsored by MIT TechLink. Free. Sponsor: Deshpande Center for Technological Innovation.

Events Calendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

5:30 p.m. - 6:30 p.m. - Activities Committee Meeting. Free. Room: 50-220. Walker Memorial. Sponsor: GSC Meetings.

6:00 p.m. - 8:00 p.m. - Graduate Christian Fellowship Bible Study. Come join us for Bible study, prayer, and fellowship! We are currently studying the book of Acts. Free. Room: 66-369. Sponsor: Graduate Christian Fellowship, GSC Funding Board.

6:00 p.m. - 8:00 p.m. - Wednesday Night Dinner. Weekly dinner. Share a meal with a friend. For McCormick residents and friends on the guest list. \$6.50. Sponsor: McCormick Hall.

6:00 p.m. - 8:30 p.m. - Medical Devices. Being Flexible During Product Development. Keynote: Paul Fearnis, Genesis Medical Technology, Inc. Panelists: Robert Rabiner, President & CEO, OmniSonics Medical Technologies, Inc., Paul Magnin, Former President & CEO, LightLab Imaging, and Jonathan Gertler, Managing Director, Investment Banking, Adams, Harkness & Hill. Members: \$20 Non-Members \$25 Students FREE with ID. Room: 10-250. Sponsor: MIT Enterprise Forum of Cambridge, Inc. Palmer & Dodge, LLP and MassMedic.

7:00 p.m. - 8:00 p.m. - Bible Study. Weekly Bible study held by the Baptist Student Fellowship. Free. Sponsor: Baptist Student Fellowship, Baptist Campus Ministry.

7:00 p.m. - 10:00 p.m. - TMR Build Time. These are our normal meeting times, when we build the layout! Free. Room: N52-118. Sponsor: Tech Model Railroad Club (TMR).

7:00 p.m. - 10:00 p.m. - Chickie Make Flicks: Laura Bernier. The founder of the Harvard Square Screenwriter's Group, associate producer for "Squeeze" and co-producer of "Next Stop Wonderland" will screen and discuss "Next Stop Wonderland," a Boston-based independent romantic comedy starring Hope Davis. It was screened to rave reviews at Sundance Film Festival, where it became the object of a bidding war ultimately won by Miramax to the tune of \$6 million. Bernier will give the inside scoop on producing a Boston blockbuster. Free. Room: Rm 4-270. Sponsor: Women's Studies Program. Women in Film and Video/New England (WIFV/NE), and Future Media Concept.

7:00 p.m. - 8:00 p.m. - Computer Clubhouse mentor orientation. Want to mentor youth from low-income communities working with new technologies? The Computer Clubhouse, a worldwide network of after-school learning centers, can provide you with the opportunity to work with youth (ages 10-18) as they work on projects related to their own interests. Clubhouse members design their own animations, robots, games, interactive newsletters, music, simulations, and multimedia presentations. Please join our mentor orientation to find out more. Free. Room: MIT Media Lab, lower level, room 054. Sponsor: Media Lab - Lifelong Kindergarten.

7:00 p.m. - 9:00 p.m. - MIT \$50K Competition - Teambuilding. Biotech in conjunction with Sloan's "Building a Biomedical Business." Free. Room: Walker Memorial. Sponsor: MIT \$50K Entrepreneurship Competition.

7:00 p.m. - 9:00 p.m. - Boston Macintosh User Group. Meeting of the Boston Macintosh User Group. Free. Room: E51-372. Sponsor: MIT User Groups.

7:00 p.m. - 9:00 p.m. - Back Bay LISA. Meeting of the Back Bay LISA (Large Installation System Administration) User Group. Free. Room: E51-145. Sponsor: MIT User Groups.

8:00 p.m. - 11:00 p.m. - Israeli Folk Dancing (participatory). Israeli Folk Dancing Early Teaching at 8 p.m., followed by teaching and requests until 11 p.m. Beginners are always welcome. Family dancing usually occurs from 7-8 p.m. each week. Great for kids of ALL ages! To confirm family dancing for a given week, and for up-to-date announcements about each week's dance, see our Yahoo Group. Free for MIT students; donations welcome. Room: Lobby 13. Sponsor: Folk Dance Club.

8:00 p.m. - 10:00 p.m. - IFILM Film Seminar. Screening of a movie followed by a discussion. Light refreshments provided. More information (including movie titles) on our Web site. Free. Room: 4-237. Sponsor: International Film Club, GSC Funding Board.

8:00 p.m. - 10:00 p.m. - The Texas Chainsaw Massacre. This show is a FREE sneak preview! Admission is limited to the MIT Community and guests. An MIT or Wellesley ID is required for receipt of up to two tickets per ID. Because New Line Cinema is worried about students trying to pirate the movie, we CANNOT ALLOW BAGS (backpacks, purses, etc.) into the room. Please check <http://lsc.mit.edu> next week for updates. Free. Room: 26-100. Sponsor: LSC.

8:00 p.m. - 10:00 p.m. - Weekly Wednesdays. Free wings and an assortment of vegetables, sponsored by various departments, residences and affinity groups, are provided in the Muddy Charles Pub for graduate students to enjoy while catching up with friends and making new ones. Students can also enjoy the cheap beverages (including many non-alcoholic options), Red Sox on the DirecTV, and (new) wireless Internet access. Free. Room: The Muddy Charles Pub. Sponsor: GSC Activities.

8:30 p.m. - The Stepford Wives (1975). Directed by Bryan Forbes 115 min. Free. Room: 3-133. Sponsor: History, Theory and Criticism of Architecture and Art.

9:00 p.m. - 11:30 p.m. - Swing Dancing. Beginners welcome, no partner necessary. Free. Room: Student Center 2nd floor. Sponsor: Lindy Hop Society, GSC Funding Board.

Thursday, October 9

10:00 a.m. - Admissions Information Session (Followed by Campus Tour). Free. Room: Admissions Reception Center. (Building 10, Room 10-100). Sponsor: Information Center.

10:00 a.m. - 11:00 a.m. - MIT/WHOI Joint Program Coffee-Donut-Bagel Hour. Room: Woods Hole Oceanographic Institution Student Center, 3rd Floor, Clark Laboratory South. Sponsor: WHOI Student Organization. GSC, EGSAC.

10:45 a.m. - Campus Tour. Free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

11:45 a.m. - 1:30 p.m. - Support Staff Meeting. Special



Celebrities Hit the Ice For a Good Time, Cause

By Andrew C. Thomas
OPINION EDITOR

It was quite a collection on the ice at the Fleet Center on Sept. 28. In attendance were the living members of the Bruins wing of the Hockey Hall of Fame and an impressive set of celebrities, featuring

Tim Robbins, Michael J. Fox, and a surprise appearance by Senator John Kerry. The raucous crowd, louder than any I've ever heard at a Bruins game, convinced me that Denis Leary can sure put on a show.

The Fourth Annual Celebrity Hat Trick raised funds for the Leary Firefighters' Foundation, which was started after a warehouse fire in

1999 killed six Worcester firefighters. The previous three events were held in Worcester; this year, due to popular demand, the event moved to Boston.

Nowadays, celebrity golf tournaments are common — in fact, Leary's foundation held one the previous week — but celebrity hockey games are much rarer occurrences,

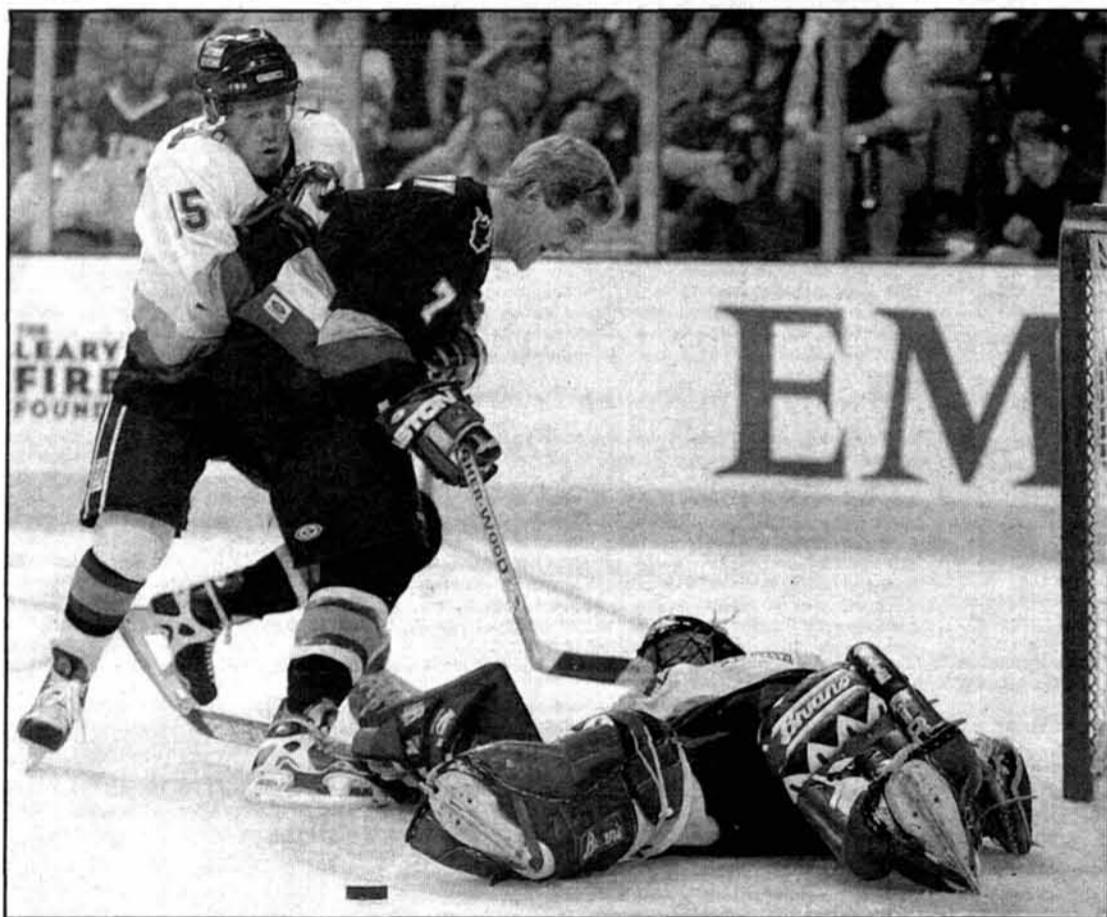
considering both the safety of the celebrities and the skill needed to play hockey respectfully. And it was certainly respectable.

Yes, as you'd expect, the game itself was nothing special (and very high scoring, with a final of 18-10 for Team EMC over Team MasterCard), but it was the little things throughout that made it fun to watch. For example, I never knew that John Kerry was such an imposing man until I saw him cross skatepaths with hall-of-famer Pat Lafontaine. While the firefighters in attendance, largely from New York, Boston, and Worcester, garnered much attention for their heroic sacrifices, it was the appearance of Michael J. Fox that brought the Fleet Center to its feet. It took no more than three seconds for the sizeable crowd to rise to its feet when Fox's face appeared on the Jumbotron, and I suspect that even

though it was a bizarre sight — a 5'5" man standing beside athletes, firefighters and 6'4" Tim Robbins — no one thought it was less than heroic for him to take part. When he scored a tip-in goal halfway through the first period, the volume went up again.

Yes, the actual scoring in the game was largely from the NHL veterans — Lafontaine, Cam Neely, and Marcel Dionne for the most part — but the celebrities certainly held their own, including Leary, who played hockey in high school and captained the winning team.

I'm now thoroughly convinced that Boston is a charitable town, at least on the part of its sports community. The Red Sox proved to everyone this season that they are committed to goodwill; and it would seem that the FleetCenter and the Bruins organization are traveling along the same path.



Top: Actors Tim Robbins, right, Michael J. Fox (88), and former Boston Bruins player Wayne Cashman share a moment at the end of the game.

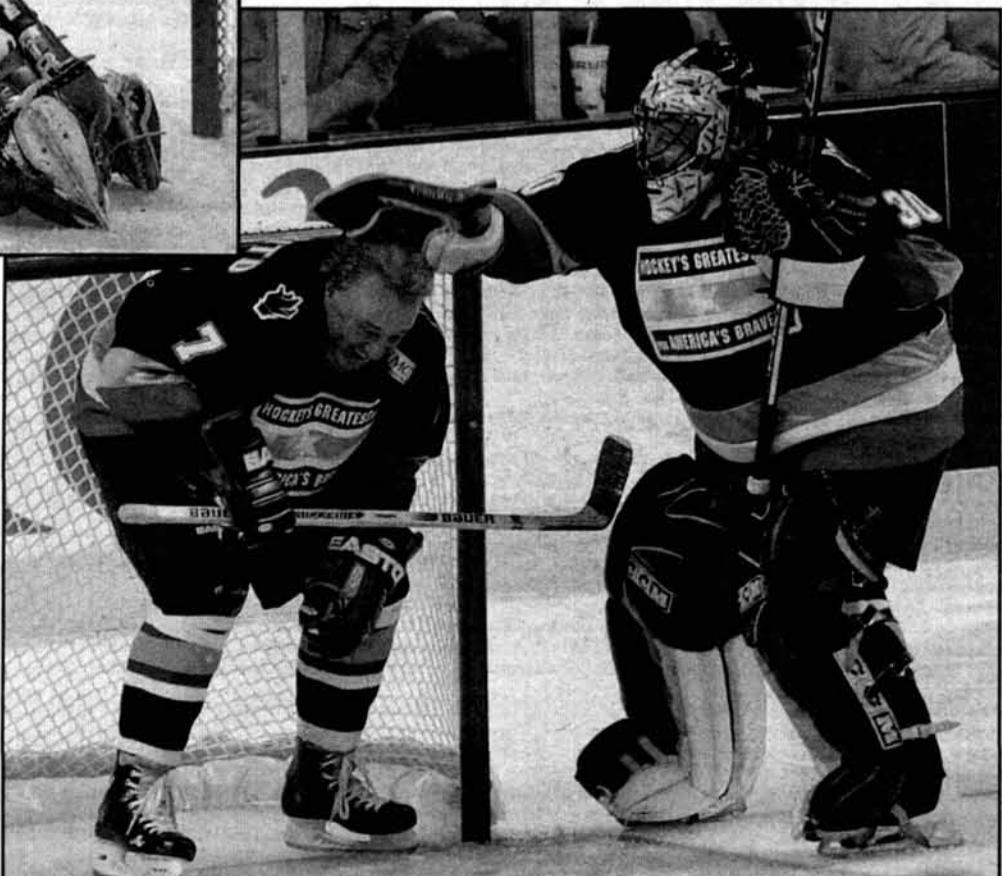
Above right: Goaltender Bill Ranford and former Bruins captain Rick Middleton defend against Islanders great Bryan Trottier.

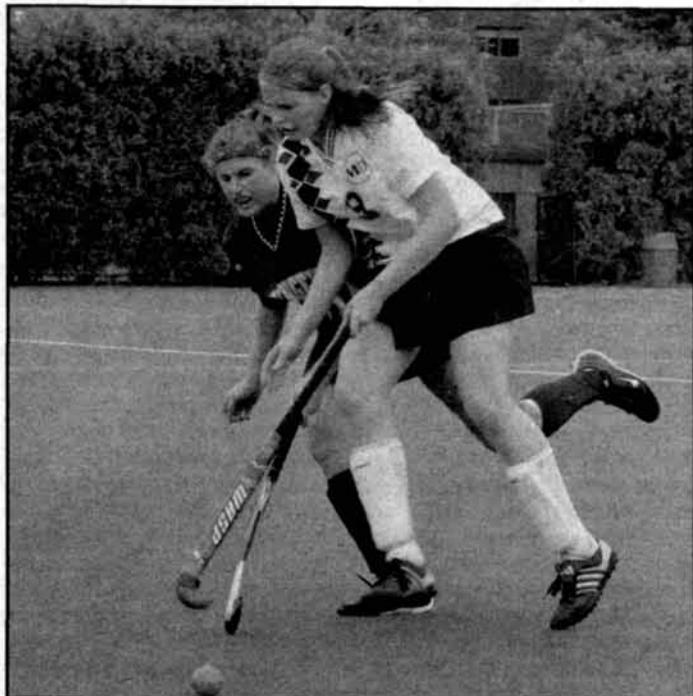
Above: Democratic Presidential hopeful and Senator John Kerry of Massachusetts falls to the ice as Boston firefighter Jim Welsh comes crashing in from behind.

Right: Boston Bruins goaltending great Gerry Cheevers shares a moment with Phil Esposito.

The Fourth Annual Celebrity Hat Trick hockey game was held at the Fleet Center. Actor Denis Leary began organizing the benefit hockey game in response to the tragic Worcester fire in December 1999 in which six firefighters were killed.

Photography by Stanley Hu





Left: Sharon M. Prange '07 fights for the ball against a Springfield College defender on Saturday, Oct. 2. MIT lost the game 1-3.

Below: Noelle J. Kanaga '06 attempts for a goal against Sarah Fitta and Elizabeth Fitzgerald. MIT won 8-1 against the UMass-Dartmouth.

Photography by Miguel A. Calles and Fardad Hashemi



SPORTS



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Jill L. Konowich '06 returns a serve in a doubles match on Thursday, Oct. 2. She and her partner, Shima Rayej '04, went on to lose the match 5-8.

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MIT Department of FACILITIES CAMPUS CONSTRUCTION UPDATE

Ames Street

Continuing through the fall, telecommunications conduit (duct bank) will be installed along sections of Main and Ames Streets. The construction will take place in several stages and will have a major impact on pedestrian and vehicular traffic. The surrounding area may experience vibration, noise, and dust. Two linden trees at the Main Street edge of the food truck seating area will be relocated to replace two lindens in the same area.

Amherst Alley

Continuing through November, emergency excavation and piping repair will take place. Two-way traffic from Mass. Ave. to Danforth Street and parking in the Kresge Lot will be unaffected. Parking along Amherst Alley will be eliminated and marked with No Parking signs.

MDC Memorial Drive Rehabilitation Project

The Memorial Drive underpass will be closed from Tuesday, October 7, at 9 p.m. to Wednesday, October 8, at 5 a.m. to allow for fiber optic cable relocation. Traffic will be diverted to surface ramps. East side bridge demolition has been delayed until after Columbus Day weekend.

Vassar Streetscape

Tree planting will begin this week. Striping and pavement marking will continue through next week. Sections of the bicycle lane/cycle track will be closed off for several hours at a time as paint is applied. Sign post installation continues.

For more information on MIT's building program, visit web.mit.edu/evolving.
This information provided by the MIT Department of Facilities.

SPORTS

MIT Women's Volleyball Grabs Third in Invitational Tourney

By Paul Dill
TEAM COACH

The MIT women's volleyball team continued its strong opening to the 2003 season this past week with a third place finish in the 15-team MIT Invitational tournament and a NEWMAC conference win over WPI. The Invitational lived up to its billing as the strongest regular season tournament in the region this year, featuring nine teams from last year's Division III NCAA Championships, including representatives from the West, New York, and Mid-Atlantic regions.

Two wins in pool play

Drawing a pair of out-of-region opponents (Colorado College, who qualified for last year's NCAA tournament in the West region, and Hunter College, who earned a berth in the New York region) in pool play, the Engineers expected two battles on Friday night. Colorado College did not disappoint, as their unconventional offense stretched the MIT block thin.

However, MIT's offensive capabilities were equal to the challenge, as the Engineers claimed the opening game 30-18 behind six kills from outside hitter Nydia M. Clayton '04 and three each from opposite Arlis A. Reynolds '06 and middle blocker Caroline D. Jordan '06. Despite six more kills from Clayton in the second game, MIT fell 24-30.

Still riding the confidence boost from winning the first game, the Engineers restored order, riding their balanced offensive attack and aggressive play to 30-26 triumphs in the third and fourth games.

Aggressive serving kept Colorado off-balance throughout the match, as outside hitter Joy N. Hart '06 launched four aces, while Clayton, Reynolds, and setter Austin Zimmerman '06 each served three.

With the 3-1 win over Colorado, only Hunter stood between MIT and a berth in the tournament semifinals. The New York side's successful 2002 campaign suggested they would provide quite a challenge, but Hunter proved to be absolutely no

match for the Engineers on either the offensive or defensive side of the contest.

MIT routed Hunter (5-10) in game one by a 30-15 margin behind six kills from Reynolds and three each from Hart and Zimmerman, with Jordan's five digs and two aces rounding out the Engineer attack. The second set repeated the script, as the Engineers cruised to a 30-19 decision behind four kills each from Jordan and outside hitter Frances M. Rogoz '07. Wang's five digs and two aces won the backcourt battle. In game three, Caitlin A. Murphy '07 took over the setting duties and led MIT to a 30-21 win and 3-0 match sweep with contributions in every category: three digs, 12 assists, a kill, a block, and an ace. Zimmerman continued to raise her average with 28 assists in the first two games, while adding to her NEWMAC-leading hitting percentage at 0.750.

Engineers split in playoffs

Saturday afternoon's Gold Bracket semifinals pitted the Engineers against Mid-Atlantic region powerhouse Eastern University, whose ascent to the NCAA Round 32 in 2002 earned them this Cambridge trip.

Eastern's exciting swing offense and defensive tenacity made for an entertaining match against MIT's aggressive attacking style of play, and despite five Clayton kills and three Zimmerman kills, the Engineers fell in the opening game 25-30. The see-saw battle in game one featured 13 lead changes before Eastern reclaimed control over the flow of the match to earn a 30-26 decision.

Game three saw the Engineers take control early again, as Wang picked up six of her 14 digs. Despite inconsistent serving that plagued the Engineers for much of the weekend, MIT won by a 30-24 margin.

However, Eastern responded once again in game four by a 30-19 score to take the semifinal match, as only Clayton was able to score with any regularity. Eastern (17-2) went on to take the tournament with a marathon 3-2 victory over previously undefeated and regionally top-ranked Williams (9-1), the school

responsible for the only other Engineer loss this season.

Third place, All-Tournament

MIT faced a third-place match against conference rival Springfield College, who entered the day undefeated and ranked above the Engineers. MIT responded well to the disappointing semifinal result by clobbering the Pride in the opening game by a 30-23 score.

Springfield, while overmatched by the Engineers' skills, played a very disciplined, nearly error-free match, forcing the Engineers to earn nearly all of their points. MIT eked out a 30-20 victory.

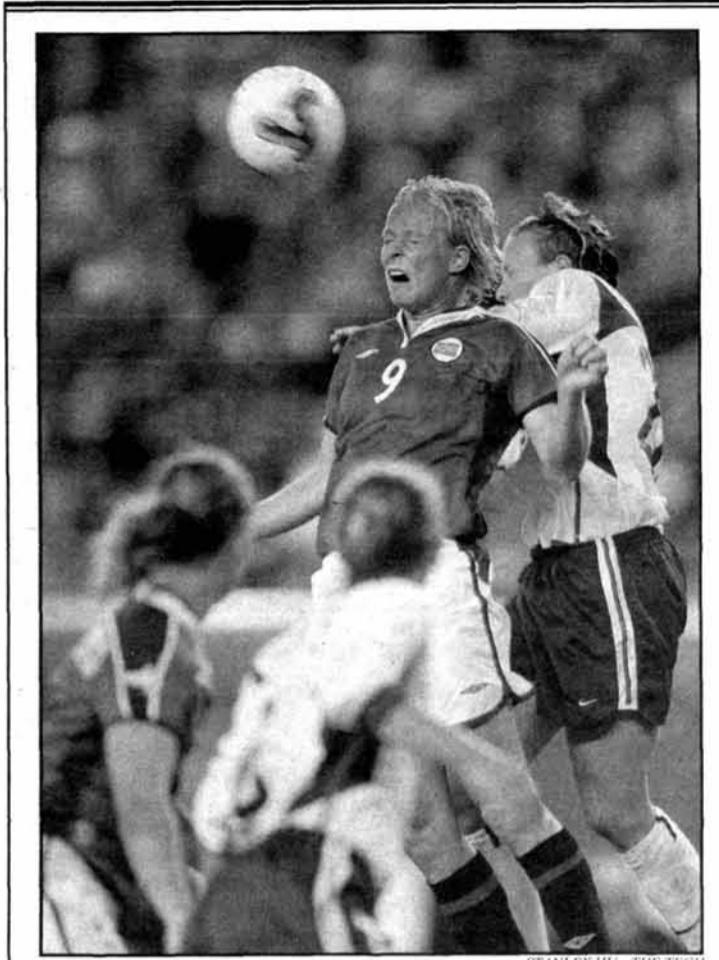
After building a lead and earning three match points with a 29-26 lead thanks to eight Clayton kills, Springfield responded to take a 31-29 victory, then opened the fourth game riding that momentum to leads of 9-1 and 20-12.

While all signs were pointing to a fifth game tiebreaker, the Engineers snapped out of the funk and quenched the Springfield threat behind four kills each from Jordan, Clayton, and Reynolds to earn a 30-27 "upset" win and a third place finish, while handing Springfield (13-2) their second loss of the day and season. Clayton's 60 kills for the weekend earned her an All-Tournament selection.

MIT undefeated in conference play

Tuesday night, the Engineers (13-2, 4-0 NEWMAC) quickly disposed of WPI (4-8, 1-3 NEWMAC) at Rockwell Cage by a 3-0 sweep (30-14, 30-15, 30-16). Jordan, Hart, and Reynolds scored six times each and Clayton, Stephenson, and middle blocker Monika M. Wrobel '07 scored four apiece. Zimmerman tallied seven points on a perfect 3-for-3 hitting effort and four aces, while Wrobel chipped in a block and two aces. Middle blocker Stephanie Reed '07 added three kills, three digs, and an ace in game three.

Making only five hitting errors for the entire match, MIT extended their perfect NEWMAC record in just one hour, as the team registered 43 kills on just 75 swings for their most efficient offensive performance in five seasons. The Engineers' next home contest is Thursday, Oct. 9, against Brandeis University.



STANLEY HU—THE TECH

Anita Rapp of Norway heads the ball over USA's Abby Wambach during last Wednesday's quarterfinals of the FIFA Women's World Cup at Gillette Stadium in Foxboro, MA. Wambach scored the only goal of the game, which advanced the U.S. to Sunday's semifinals in Portland, Oregon.

UPCOMING HOME EVENTS

Tuesday, Oct. 7
3:30 p.m., Men's Tennis, Brandeis
6 p.m., Women's Field Hockey, Babson
Wednesday, Oct. 8
4 p.m., Women's Tennis, Brandeis
Thursday, Oct. 9
4 p.m., Women's Tennis, Tufts



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Above: Forward Jose Ramon Torradas '05 leaps in the air to field a ball.

Right: Torradas goes up for a header against a St. John Fisher College player.

The Engineers played against St. John Fisher College on Saturday, Oct. 4, securing a 3-0 victory.

Photography by Wendy Gu and Stanley Hu

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